PRINTING PRODUCTION

DECEMBER
1958

WHERE to BUY

PRINTING EQUIPMENT & SUPPLIES IN

INDEX TO DEPARTMENTS

Composing Room . . . 140
Platemaking 146
Electrotyping . . . . . 14[illegible]
Gravers . . . . . 14[illegible]
Miscellaneous 150
Offset . . . . . 15[illegible]
Photoengraving 157
Rubber 161
Stereotyping . . . . . 16[illegible]
Plastic . . . . . 16[illegible]
Paper: Printing Stock . 16[illegible]
Paper: Trade Name . . . 16[illegible]
Paper Cutting and Processing . . . 16[illegible]
Presses . . . . . 17[illegible]
Bindery . . . . . 18[illegible]
Mailing, Shipping . . . 18[illegible]
Miscellaneous . . . . . 18[illegible]
Trade Name Index . . . 19[illegible]
Manufacturers, Suppliers, Dealers . . 209
Printing Press Specifications 221

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REGULAR DEPARTMENTS

Advertisers' Index, B-C-D
Research, 75
Helpful Literature, 81
Patents for Printing Industry, 91
News Items, 99
Printing Industry Meetings, 103
Books, 117

EQUIPMENT & SUPPLIES

Baum Satellite Folder, 75
Dutro Web Offset Perfector, 84
Web Offset Newspaper Press, 84
Harris-Cottrell Web Offset, 85
Linotype's Trade Gothic Extended, 106
Sheet Detectors for Offset Press, 106
Image Reverser Camera System, 106
Imperial Dross Drum Dumper, 107
Challenge Power Paper Cutter, 107
Red Contrast Stereo Mat, 107
Vent for 55 Gal. Drums, 108
Padding Cement Container, 108
Balemaster Hogger, 108
File Cards for Photocomposition, 108
Rotary Flexographic Printer, 109
Web Break Detector, 109
Star Parts Slug Jogger, 111
Erect Image Microscope, 111
Kodak Photographic Paper, 111
Combination Camera for Color, 112
Ozalid Film, Offset Plate, 112
Polystyrene Base Film, 113
Single Spindle Paper Drill, 113
Cronar Commercial Film, 113
Matrix Cleaning Machine, 113
Metal Feeder Signal Actuator, 114
Gelb Ruling Carriage, 114
Compact Vertical Camera, 114
Air Power Stapler, 115
Chemco Lithographic Film, 115
Temperature Control Valve, 116

PRINCIPAL ARTICLES

61 *Electronics Simplifies Accounting for Production Time*
By ROBERT LEVISON

65 *Offset Printed Postcard*
By ADAM HENRI REISER

67 *Special Types of Ink on Paper—Part III*
By BYRON L. WEHMHOFF

68 *3M Prevues $8 Million Research Center*
By MacD. SINCLAIR

72 *New England Newspaper Mechanical Conference*
By SIDNEY JAMES PAINE

139 *Departmentalized Equipment & Supplies Indexes*

192 *Trade Name Index*

209 *Manufacturers', Suppliers', Dealers' Index*

221 *Printing Press Specifications*

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WHERE TO BUY your equipment and supplies in 1959 is suggested in the yellow pages of this issue. This annual section of PRINTING PRODUCTION's December issue contains over 1100 companies which equip and supply the Graphic Arts industry. For the 25th year the oldest buying guide in the industry has been brought up to date in order to supply you with sources from which to purchase machines and material for your plant's operations. Keep it handy; consult it frequently. It is departmentalized for your convenience. If you are looking for something for your pressroom, it can be found in that one particular index. The front cover includes page numbers of each department's index. Buy in '59 from the yellow pages of PRINTING PRODUCTION.

Advertisers' Alphabetical Index

1959 REFERENCE ISSUE

Abrams, M. L., Co. 127
Alan Wood Steel Co. 9
Alteneder, Theo., & Sons 133
American Publishers Supply, Inc. 128
American Roller Co. 110
American Steel Chase Co. 112
American Type Founders, Inc. 41, 55
Amsterdam Continental Types & Graphic Equipment, Inc. 116
Anchor Chemical Co., Inc. 118
Ansco Division, General Aniline & Film Corp. 39
Atlantic Zinc Works, Inc. 91

Bahnson Company 95
Bar-O-Type Corporation 135
Baum, Russell Ernest, Inc. 101
Beveridge Paper Co. New Products Div. 24
Booth, E. A., Rubber Co. 130
Brooks & Perkins, Inc., Magplate Division 103
Buhler Brothers, Inc. 125
Burgess Cellulose Co. 56

Cambridge Instrument Co., Inc. 129
Capital Tool & Mfg. Co. 105, 122, 129, 131
Carlson, Chesley F., Co. 125
Central Compounding Co. 130
Central Newspaper Installations, Inc. 122
Certified Dry Mat Corp. 54
Challenge Machinery Co. 17
Champlain Company, Inc. 33
Chandler & Price Co. 100
Chemco Photoproducts Co., Inc. 5
Cheshire, Incorporated 95
Consolidated Intl. Equipment & Supply Co. 4, 16, 18, 19, 20, 28, 32, 77, 78, 79, 80, 88, 89, 92, 121, 134
Corkpak Company, Inc. 133

Davidson Corporation, Sub. Mergenthaler Linotype Co. 44
Deskfinder Company 131
Dexter Company, Div. Miehle-Goss-Dexter, Inc. 14
Didde-Glaser, Inc. 29
Dirats Photo Plate Co., Inc. 119
Doyle, J. E., Co. 133
Dutro, Orville, & Son, Inc. 8

Eastern Newspaper Supply, Inc. 93
Embossograph Process Co., Inc. 132

Fairchild Graphic Equipment, Inc. 12, 86
Fisk Industries 130
Flint Ink Corp. 117
Force, Wm. A., & Co., Inc. 99

Gay-Lee Company 85
Gegenheimer, William, Co., Inc. 96
General Electric Co. 48
General Plate Makers Supply Co. 130
Gifford-Wood Company 110
Graeber Stringing and Wiring Machine Co., Div. New Era Mfg. Co. 40

Hammond Machinery Builders, Inc. ..... Inside Back Cover
Hantscho, George, Co., Inc. 26
Harris-Intertype Corp. 136, 137
Harris-Seybold Co., Div. Harris-Intertype Corp. 1
Heidelberg Automatic Presses 113
Hoe, R., & Co., Inc. 21, 59
Hutzler, Federico K., Co. 127

Ideal Roller & Mfg. Co., Inc. 132
Imperial Type Metal Co. 25, 45
Interchemical Corporation, Printing Ink Div. 10, 27
Intertype Company, Div. Harris-Intertype Corp. ..... Outside Back Cover

Jampol Company, Inc. 58

Kemp, C. M., Mfg. Co. 101
Kenro Graphics, Inc. 22
Korn, Henry P. 106, 107, 122
Korthe Engineering Co. 119

Lake Erie Machinery Co. 50
Lanston Monotype Co., Div. Lanston Industries, Inc. 51
Link-Belt Company 42, 43
Los Angeles Type Founders, Inc. 132
Ludlow Typograph Co. 7

Main, Chas. T., Inc. 105
Master Etching Machine Co. 53
Master Sales & Service Corp. 52
Matrix Contrast Corp. 60
Mergenthaler Linotype Co. 73
Miehle Company, Div. Miehle-Goss-Dexter, Inc. 15
Miehle-Goss-Dexter, Inc. 13
Model Planning Co., Inc. 130
Mohr Lino-Saw Co. 102
Monomelt Company, Inc. 104
Montgomery Company, Inc. 122
Morrison Company 111

National Laboratories 97
New Era Mfg. Co. 38
Niles & Nelson, Inc. 127
Nolan Corporation 133, 138
Novak Company, Inc. 133

Offen, B., & Co. 127

Paper Manufacturers Co. 35
Pate Company 133
Pioneer-Toledo Corporation 34
Printing Production 127, 220

Radio Corp. of America 82, 83
Rapid Roller Co. 47
Reeves Brothers, Inc., Vulcan Rubber Products Div. 126
Richards, J. A., Co. 129
Robertson Photo-mechanix, Inc. 109
Rolled Plate Metal Co. 91
Rosback, F. P., Co. 94
Rouse, H. B., & Co. 123
Royal Zenith Corp. 46

Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp. 11
Shaffstall Equipment, Inc. 90
Sheridan, T. W. & C. B., Co. 30, 31, 57
Shidler, V. C., Products 127
Shulman, Ben, Associates, Inc. 133
Simco Company 131
Sinclair & Carroll Co., Inc. 23
Sta-Hi Corporation 2, 3
Standard Process Corp. 115
Star Parts, Inc. ..... Inside Front Cover, 90
Statikil, Div. J. E. Doyle Co. 132

Teletypesetter, Div. Fairchild Graphic Equipment, Inc. 12
Tingue, Brown & Co. 114
Tirfing Printing Machinery, Inc. 6
Turner Printing Machinery, Inc. 87

United States Printing Ink Corp. 124
Universal Mono-Tabular Corp. 98, 108

Vandercook & Sons, Inc. 132
Verner, B., & Co., Inc. 133

Wesel Manufacturing Co. 120
Wetter Numbering Machine Co. 34
White, Sid 132
Wiretyer Corporation 105
Wood Flong Corp. 49
Wood Newspaper Machinery Corp. 36, 37
Worthington, Emory W., and Associates 133

Zimmer Printers Supply Co., Inc. 132

Advertisers' Departmentalized Index

1959 REFERENCE ISSUE

Air Conditioning

Bahnson Company 95
Offen, B., & Co. 127

Architects, Engineers and Designers

American Type Founders, Inc. ...41, 55
Dutro, Orville, & Son, Inc. 8
Hantsche, George, Co., Inc. 26
Main, Chas. T., Inc. 105
Model Planning Co. 130
Monomelt Company, Inc. 104
Worthington, Emory W., and Associates 133

Auctioneers

White, Sid 132

Bag Making Equipment

Champlain Company, Inc. 33

Bindery

American Roller Co. 110
American Type Founders, Inc. 41, 55
Amsterdam Continental Types & Graphic Equipment, Inc. 116
Baum, Russell Ernest, Inc. 101
Challenge Machinery Co. 17
Champlain Company, Inc. 33
Chandler & Price Co. 100
Consolidated Intl. Equipment & Supply Co. .4, 16, 18, 19, 20, 28, 32 77, 78, 79, 80, 88, 89, 92, 121, 134
Corkpak Company, Inc. 133
Dexter Company, Div. Miehle-Goss-Dexter, Inc. 14
Didde-Glaser, Inc. 29
Dutro, Orville, & Son, Inc. 8
Force, Wm. A., & Co. 99
Graeber Stringing and Wiring Machine Co., Div. New Era Mfg. Co. 40
Harris-Seybold Co., Div. Harris-Intertype Corp. 1
Ideal Roller & Mfg. Co., Inc. 132
New Era Mfg. Co. 38
Nolan Corporation 133, 138
Pioneer-Toledo Corporation 34
Richards, J. A., Co. 129
Rosback, F. P., Co. 94
Sheridan, T. W. & C. B., Co. .30, 31, 57
Turner Printing Machinery, Inc. 87

Box and Carton Equipment

Champlain Company, Inc. 33
Chandler & Price Co. 100
Dexter Company, Div. Miehle-Goss-Dexter, Inc. 14
Harris-Seybold Co., Div. Harris-Intertype Corp. 1
Lake Erie Machinery Co. 50
Miehle Company, Div. Miehle-Goss Dexter, Inc. 15
Richards, J. A., Co. 129
Scott, Walter, & Co., Inc. 11
Sheridan, T. W. & C. B., Co. ..30, 31, 57

Composing

American Publishers Supply, Inc. 128
American Steel Chase Co. 112
American Type Founders, Inc. ...41, 55
Amsterdam Continental Types & Graphic Equipment, Inc. 116

Composing (Continued)

Anchor Chemical Co. 118
Ansco Division, General Aniline & Film Corp. 39
Bar-O-Type Corporation 135
Booth, E. A., Rubber Co. 130
Capital Tool & Mfg. Co. 105, 122, 129, 131
Carlson, Chesley F., Co. 125
Challenge Machinery Co. 17
Corkpak Company, Inc. 133
Doyle, J. E., Co. 133
Eastern Newspaper Supply, Inc. 93
Fisk Industries 130
Force, Wm. A., & Co. 99
Gay-Lee Company 85
Hammond Machinery Builders, Inc.. .....Inside Back Cover
Hoe, R., & Co., Inc. 21, 59
Hutzler, Federico K., Co. 127
Ideal Roller & Mfg. Co., Inc. 132
Imperial Type Metal Co. 25, 45
Intertype Company, Div. Harris-Intertype Corp. ...Outside Back Cover
Jampol Company, Inc. 58
Kemp, C. M., Mfg. Co. 101
Lanston Monotype Co. 51
Los Angeles Type Founders, Inc. ...132
Ludlow Typograph Co. 7
Matrix Contrast Corp. 60
Mergenthaler Linotype Co. 73
Mohr Lino-Saw Co. 102
Monomelt Company, Inc. 104
Montgomery Company, Inc. 122
Morrison Company 111
Nolan Corporation 133, 138
Novak Company, Inc. 133
Paper Manufacturers Co. 35
Pioneer-Toledo Corporation 34
Richards, J. A., Co. 129
Rouse, H. B., & Co. 123
Shaffstall Equipment, Inc. 90
Shidler, V. C., Products 127
Sta-Hi Corporation 2, 3
Star Parts, Inc. ...Inside Front Cover, 90
Turner Printing Machinery, Inc. 87
Teletypesetter, Div. Fairchild Graphic Equipment, Inc. 12
Universal Mono-Tabular Corp. ...98, 108
Vandercook & Sons, Inc. 132
Wesel Manufacturing Co. 120
Wetter Numbering Machine Co. 34
Zimmer Printers Supply Co., Inc. ...132

Electrotyping

Challenge Machinery Co. 17
Corkpak Company, Inc. 133
Gay-Lee Company 85
Hammond Machinery Builders, Inc. .....Inside Back Cover
Hoe, R., & Co., Inc. 21, 59
Imperial Type Metal Co. 25, 45
Lanston Monotype Co., Div. Lanston Industries, Inc. 51
Monomelt Company, Inc. 104
Morrison Company 111
Nolan Corporation 133, 138
Pioneer-Toledo Corporation 34
Richards, J. A., Co. 129
Rouse, H. B., & Co. 123
Sta-Hi Corporation 2, 3
Vandercook & Sons, Inc. 132
Wesel Manufacturing Co. 120

Flooring

Alan Wood Steel Co. 9
Jampol Company, Inc. 58

Gravure

American Roller Co. 110
American Type Founders, Inc. ...41, 55

Gravure (Continued)

Ansco Division, General Aniline & Film Corp. 39
Champlain Company, Inc. 33
Chemco Photoproducts Co., Inc. 5
Dutro, Orville & Son, Inc. 8
Flint Ink Corp. 117
General Plate Makers Supply Co. ...130
Harris-Seybold Co., Div. Harris-Intertype Corp. 1
Hoe, R., & Co., Inc. 21, 59
Ideal Roller & Mfg. Co., Inc. 132
Interchemical Corporation, Printing Ink Div. 10, 27
Korthe Engineering Co. 119
Lanston Monotype Co., Div. Lanston Industries, Inc. 51
Miehle Company, Div. Miehle-Goss-Dexter, Inc. 15
Rapid Roller Co. 47
Rouse, H. B., & Co. 123
Scott, Walter, & Co., Inc. 11
Simco Company 131
Standard Process Corp. 115
Vandercook & Sons, Inc. 132

Machinery Dealers

Abrams, M. L., Co. 127
American Steel Chase Co. 112
American Type Founders, Inc. ...41, 55
Amsterdam Continental Types & Graphic Equipment, Inc. 116
Baum, Russell Ernest, Inc. 101
Buhler Brothers, Inc. 125
Consolidated Intl. Equipment & Supply Co. ..4, 16, 18, 19, 20, 28, 32, 77, 78, 79, 80, 88, 89, 92, 121, 134
Korn, Henry P. 106, 107, 122
Los Angeles Type Founders, Inc. ...132
Montgomery Company, Inc. 122
Pate Company 133
Shulman, Ben, Associates, Inc. 133
Standard Process Corp. 115
Tirfing Printing Machinery, Inc. 6
Turner Printing Machinery, Inc. 87
Zimmer Printers Supply Co., Inc. ...132

Mailing and Shipping

American Roller Co. 110
American Steel Chase Co. 112
American Type Founders, Inc. ...41, 55
Cheshire, Incorporated 95
Dexter Company, Div. Miehle-Goss-Dexter, Inc. 14
Jampol Company, Inc. 58
Link-Belt Company 42, 43
Nolan Corporation 133, 138
Paper Manufacturers Co. 35
Rosback, F. P., Co. 94
Sheridan, T. W. & C. B., Co. ..30, 31, 57
Wiretyer Corporation 105

Movers

Central Newspaper Installations, Inc. .122

Offset

Alteneder, Theo., & Sons 133
American Roller Co. 110
American Type Founders, Inc. ...41, 55
Amsterdam Continental Types & Graphic Equipment, Inc. 116
Anchor Chemical Co. 118
Ansco Division, General Aniline & Film Corp. 39
Carlson, Chesley F., Co. 125

Advertisers' Departmentalized Index

1959 REFERENCE ISSUE

Offset (Continued)

Challenge Machinery Co. 17
Cambridge Instrument Co., Inc. 129
Champlain Company, Inc. 33
Chemco Photoproducts Co., Inc. 5
Consolidated Intl. Equipment & Supply Co. 4, 16, 18, 19, 20, 28, 32, 77, 78, 79, 80, 88, 89, 92, 121, 134
Davidson Corporation, Sub. Mergenthaler Linotype Co. 44
Doyle, J. E., Co. 133
Flint Ink Corp. 117
Gegenheimer, William, Co., Inc. ... 96
General Plate Makers Supply Co. ... 130
Harris-Seybold Co., Div. Harris-Intertype Corp. 1
Hoe, R., & Co., Inc. 21, 59
Ideal Roller & Mfg. Co., Inc. 132
Interchemical Corporation, Printing Ink Div. 10, 27
Intertype Company, Div. Harris-Intertype Corp. ....Outside Back Cover
Kenro Graphics, Inc. 22
Korn, Henry P., ...106, 107, 122
Korthe Engineering Co. 119
Lanston Monotype Co., Div. Lanston Industries, Inc. 51
Master Etching Machine Co. 53
Mergenthaler Linotype Co. 73
Miehle Company, Div. Miehle-Goss-Dexter, Inc. 15
New Era Mfg. Co. 38
Niles & Nelson, Inc. 127
Offen, B., & Co. 127
Rapid Roller Co. 47
Reeves Brothers, Inc., Vulcan Rubbert Products Div. 126
Robertson Photo-mechanix, Inc. 109
Royal Zenith Corp. 46
Scott, Walter, & Co., Inc. 11
Simco Company 131
Sinclair & Carroll Co., Inc. 23
Sta-Hi Corporation 2, 3
Standard Process Corp. 115
U. S. Printing Ink Corp. 124
Vandercook & Sons, Inc. 132
Wesel Manufacturing Co. 120

Paper

Beveridge Paper Co., New Products Div. 24
Paper Manufacturers Co. 35

Photoengraving

Alteneder, Theo., & Sons 133
American Publishers Supply, Inc. ...128
American Type Founders, Inc. ...41, 55
Amsterdam Continental Types & Graphic Equipment, Inc. 116
Anchor Chemical Co. 118
Ansco Division, General Aniline & Film Corp. 39
Atlantic Zinc Works, Inc. 91
Booth, E. A., Rubber Co. 130
Brooks & Perkins, Inc., Magplate Division 103
Carlson, Chesley F., Co. 125
Challenge Machinery Co. 17
Chemco Photoproducts Co., Inc. 5
Consolidated Intl. Equipment & Supply Co. ...4, 16, 18, 19, 20, 28, 32, 77, 78, 79, 80, 88, 89, 92, 121, 134
Dirats Photo Plate Co., Inc. 119
Doyle, J. E., Co. 133
Eastern Newspaper Supply, Inc. 93
Fairchild Graphic Equipment, Inc. ..12, 86
Gay-Lee Company 85
General Plate Makers Supply Co. 130

Photoengraving (Continued)

Hammond Machinery Builders, ... Inc. .....Inside Back Cover
Hoe, R., & Co., Inc. 21, 59
Ideal Roller & Mfg. Co., Inc. 132
Imperial Type Metal Co. 25, 45
Kenro Graphics, Inc. 22
Korn, Henry P. 106, 107, 122
Lanston Monotype Co., Div. Lanston Industries, Inc. 51
Master Etching Machine Co. 53
Master Sales & Service Corp. 52
Monomelt Company, Inc. 104
Morrison Company 111
Nolan Corporation 133, 138
Pioneer-Toledo Corporation 34
Richards, J. A., Co. 129
Robertson Photo-mechanix, Inc. 109
Rolled Plate Metal Co. 91
Rouse, H. B., & Co. 123
Standard Process Corp. 115
Vandercook & Sons, Inc. 132
Wesel Manufacturing Co. 120

Plastic Plate Equipment

Lake Erie Machinery Co. 50
Monomelt Company, Inc. 104

Pressroom

Abrams, M. L., Co. 127
American Publishers Supply, Inc. ...128
American Roller Co. 110
American Type Founders, Inc. ...41, 55
Amsterdam Continental Types & Graphic Equipment, Inc. 116
Anchor Chemical Co. 118
Baum, Russell Ernest, Inc. 101
Cambridge Instrument Co., Inc. 129
Capital Tool & Mfg. Co. 105, 122, 129, 131
Central Compounding Co. 130
Challenge Machinery Co. 17
Champlain Company, Inc. 33
Chandler & Price Co. 100
Consolidated Intl. Equipment & Supply Co..4, 16, 18, 19, 20, 28, 32, 77, 78, 79, 80, 88, 89, 92, 121, 134
Corkpak Company, Inc. 133
Davidson Corporation, Sub. Mergenthaler Linotype Co. 44
Deskfinder Company 131
Dexter Company, Div. Miehle-Goss-Dexter, Inc. 14
Doyle, J. E., Co. 133
Dutro, Orville, & Son, Inc. 8
Eastern Newspaper Supply, Inc. 93
Embossograph Process Co., Inc. 132
Flint Ink Corp. 117
Force, Wm. A., & Co. 99
Gegenheimer, William, Co., Inc. 96
General Plate Makers Supply Co. ...130
Gifford-Wood Company 110
Hammond Machinery Builders, Inc. .....Inside Back Cover
Hantscho, George, Co., Inc. 26
Harris-Seybold Co., Div. Harris-Intertype Corp. 1
Heidelberg Automatic Presses 113
Hoe, R., & Co., Inc. 21, 59
Ideal Roller & Mfg. Co., Inc. 132
Interchemical Corporation, Printing Ink Div. 10, 27
Jampol Company, Inc. 58
Korn, Henry P. 106, 107, 122
Korthe Engineering Co. 119
Link-Belt Company 42, 43
Miehle Company, Div. Miehle-Goss-Dexter, Inc. 15
National Laboratories 97
New Era Mfg. Co. 38

Pressroom (Continued)

Niles & Nelson, Inc. 127
Nolan Corporation 133, 138
Offen, B., & Co. 127
Pioneer-Toledo Corporation 34
Radio Corp. of America 82, 83
Rapid Roller Co. 47
Reeves Brothers, Inc., Vulcan Rubber Products Div. 126
Richards, J. A., Co. 129
Rouse, H. B., & Co. 123
Royal Zenith Corp. 46
Scott, Walter, & Co., Inc. 11
Sheridan, T. W. & C. B., Co. ..30, 31, 57
Simco Company 131
Sinclair & Carroll Co., Inc. 23
Sta-Hi Corporation 2, 3
Standard Process Corp. 115
Statikil, Div. J. E. Doyle Co. 132
Tingue, Brown & Co. 114
Vandercook & Sons, Inc. 132
Verner, B., & Co., Inc. 133
Wesel Manufacturing Co. 120
Wetter Numbering Machine Co. 34
Wood Newspaper Machinery Corp. 36, 37

Rubber Plate Equipment

Challenge Machinery Co. 17
Ideal Roller & Mfg. Co., Inc. 132
Lake Erie Machinery Co. 50
Monomelt Company, Inc. 104
Richards, J. A., Co. 129

Silk Screen

Ansco Division, General Aniline & Film Corp. 39
Interchemical Corporation, Printing Ink Div. 10, 27

Stereotype

American Publishers Supply, Inc. ...128
American Roller Co. 110
American Steel Chase Co. 112
American Type Founders, Inc. ...41, 55
Beveridge Paper Co., New Products Div. 24
Booth, E. A., Rubber Co. 130
Burgess Cellulose Co. 56
Capital Tool & Mfg. Co. 105, 122, 129, 131
Carlson, Chesley F., Co. 125
Certified Dry Mat Corp. 54
Challenge Machinery Co. 17
Chemco Photoproducts Co., Inc. 5
Corkpak Company, Inc. 133
Eastern Newspaper Supply, Inc. 93
Gay-Lee Company 85
Hammond Machinery Builders, Inc. .....Inside Back Cover
Hoe, R., & Co., Inc. 21, 59
Imperial Type Metal Co. 25, 45
Jampol Company, Inc. 58
Kemp, C. M., Mfg. Co. 101
Lake Erie Machinery Co. 50
Monomelt Company, Inc. 104
Morrison Company 111
Nolan Corporation 133, 138
Pioneer-Toledo Corporation 34
Richards, J. A., Co. 129
Rouse, H. B., & Co. 123
Scott, Walter, & Co., Inc. 11
Sta-Hi Corporation 2, 3
Tingue, Brown & Co. 114
Vandercook & Sons, Inc. 132
Wesel Manufacturing Co. 120
Wood Flong Corp. 49
Wood Newspaper Machinery Corp. 36, 37

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
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Company Name _____

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DECEMBER '58

FIRST CLASS
PERMIT NO. 2285
CLEVELAND, OHIO

BUSINESS REPLY CARD

No Postage Stamp Necessary If Mailed in the United States

POSTAGE WILL BE PAID BY

PRINTING PRODUCTION

1276 West 3rd Street

CLEVELAND 13, OHIO

READER SERVICE DEPARTMENT

FOR YOUR CONVENIENCE . . .

This postage-paid card is for your convenience in requesting more facts on any item in this issue.

TO HELP BOTH OF US...

Any changes that should be made on your address plate can best be done with this card. If possible, attach your present magazine wrapper address to "Old Address" section. When filling in new address, please be sure to give your title and zone number.

MY OLD ADDRESS READ:

(THE EASIEST AND BEST WAY TO GIVE US THIS INFORMATION IS TO CUT OUT THE ADDRESS SECTION OF YOUR MAGAZINE WRAPPER AND ATTACH TO THIS CARD)

NAME _____

COMPANY _____

COMPANY ADDRESS _____

CITY _____ ZONE ____ STATE _____

KEY NO. _____

MY NEW ADDRESS IS:

NAME _____

TITLE AND DEPT. _____

COMPANY _____

COMPANY ADDRESS _____

CITY _____ ZONE ____ STATE _____

FIRST CLASS
PERMIT NO. 2285
CLEVELAND, OHIO

BUSINESS REPLY CARD

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FOR YOUR CONVENIENCE

See other side of this card for the quickest and best way to let us know of any change that should be made in your address.

ATTENTION:

COTTRELL SHEET-FED ROTARY LETTERPRESS OUTPRODUCES THREE FLAT-BED PRESSES IN ONE-THIRD THE SPACE. FEED ROLLS GIVE BETTER REGISTER EVEN AT 6,000 IPH. PNEUMATIC THROWOFF SPEEDS MAKE-READY AND MAKES PULLING PROGRESSIVES A SNAP. TENSION-HOOK LOCKUP PERMITS RUNNING LARGER PLATES. EXCLUSIVE COTTRELL WEB-FEED DEVICE CUTS PAPER COSTS.

CONCLUSION:

The benefits Cottrell sheet-fed rotary letterpress now offers can have an important bearing on your expansion, conversion from flat-bed, or modernization plans.

Listed above are only a few of the new advantages that make Cottrell sheet-feds a factor for more production, lower unit cost, faster delivery.

INTERESTED? Let us arrange a demonstration. On *your* kind of jobs. Drop us a line or call your local Harris-Seybold office for complete details.

HARRIS INTERTYPE CORPORATION

HARRIS-SEYBOLD COMPANY

A Division of Harris-Intertype Corporation

4510 East 71st Street, Cleveland 5, Ohio

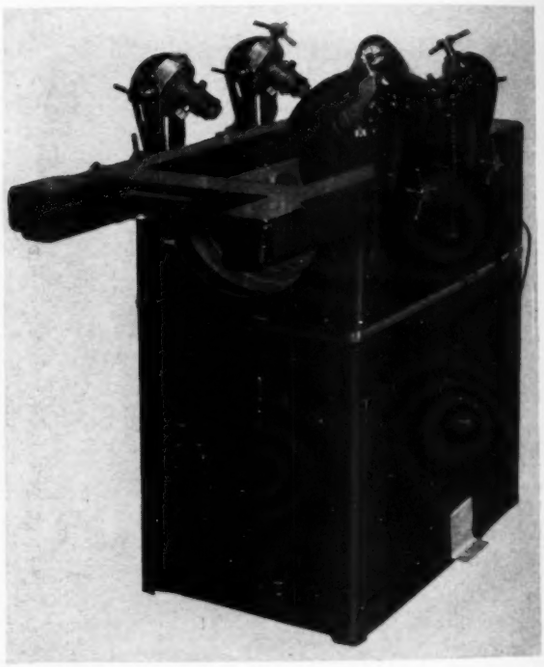
For More Information Circle 45 on Reader Service Card

colormatics by STA-HI

Precision equipment engineered for better, faster more profitable Daily Newspaper Color production

MASTER MATCHER — An optical comparator for checking or originating register marks in stereotype mats by actual visual comparison of printing images.

VACUUM FLAT FORMER — Thoroughly dries and vacuum-forms mats to assure accuracy in the color registering operation. Can also be used for flat cast "job" mats.



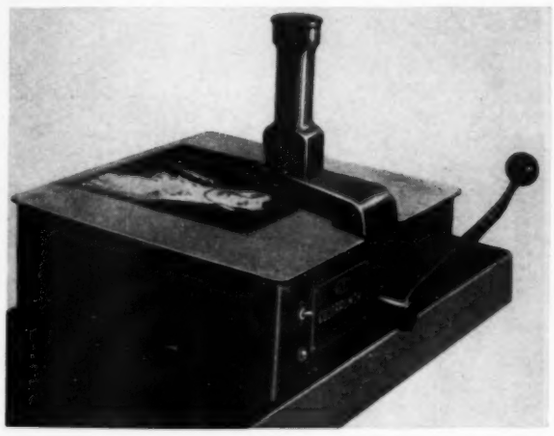
MASTER TRIMMER — Accurately and uniformly trims all mats in a color set to register marks, assuring plates that are in very close register when they go on the press.

STA-HI CORPORATION

235 W. Washington Blvd., Whittier, California

color-aids from STA-HI

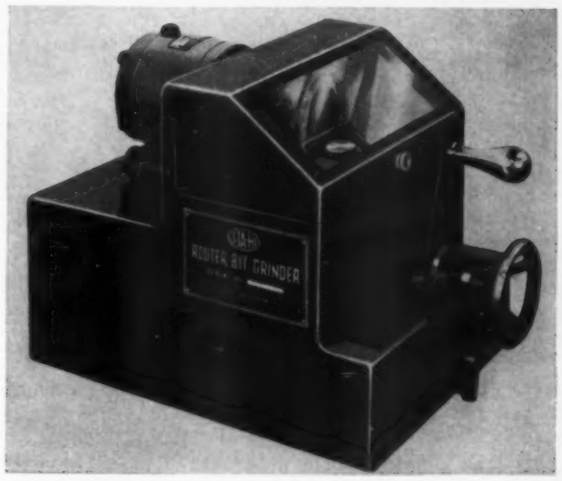
STA-HI COLORMOUNT — A complete system for mounting original color plates in close register.



STA-HI COLORPUNCH — A finely engineered production tool, for accurate placement of critical registration holes in flat engravings.

STA-HI CORPORATION

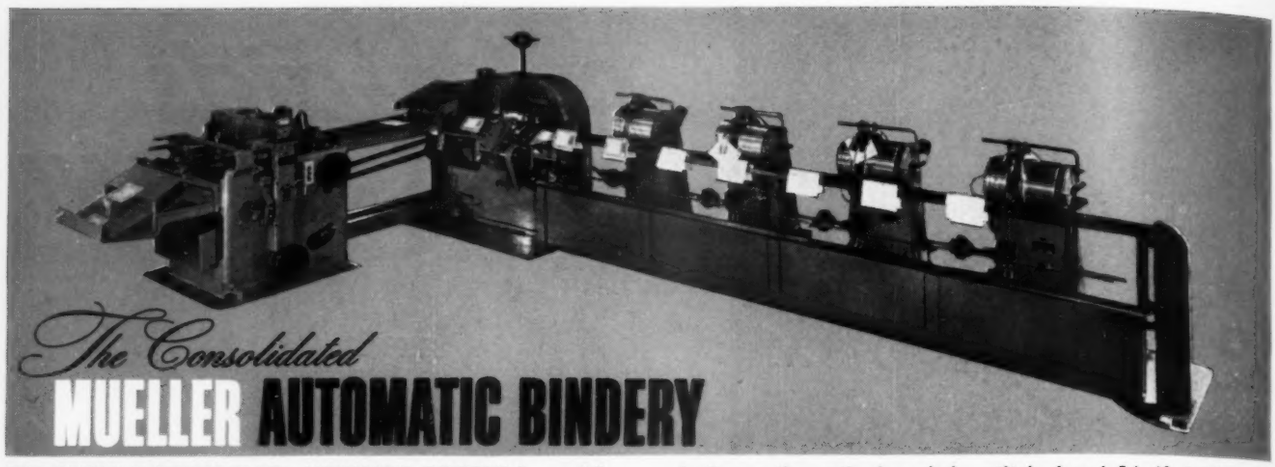
235 West Washington Boulevard
Whittier, California



STA-HI ROUTER BIT GRINDER — A precision bench grinding machine for accurate sharpening of bits. Grinds one bit, or two at a time.

STA-HI MOBILPLATE FILE — A space-saving, "rolling" storage unit for 16 curved newspaper page plates. Speeds handling, protects plate

For More Information Circle 165 on Reader Service Card



THE CONSOLIDATED-MUELLER AUTOMATIC BINDERY for saddle stitch booklets is a new concept in high production automation for the modern bindery. Designed to economically gather, stitch and trim from the smallest runs to the largest. Its fast set-up and quick getaway permits as small as a 5,000 run booklet job to be produced economically and efficiently at considerable savings. This universal all-purpose automation bindery can economically handle even a single signature which is fed automatically on the gathering chain, stitched and 3-knifed trimmed, and delivered complete at speeds up to 7,000 per hour.

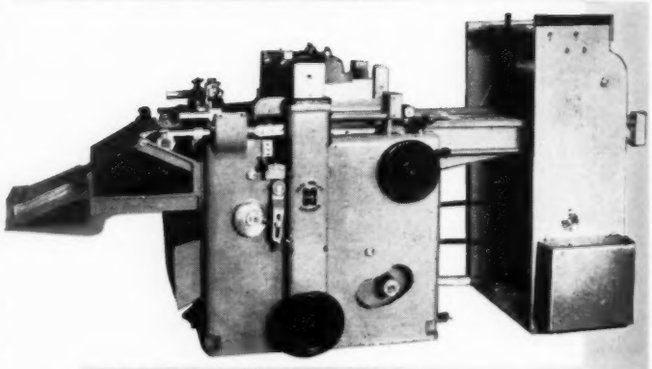
Set-up is accomplished in minutes. Speeds are 3 to 4 time manual operation. The 3-knife trimming is done automatically The Consolidated-Mueller line is of unit construction, economically priced so that for a small original investment you can buy the Mueller Stitcher and Gathering Chain, and add the Automatic Feeder Girls as volume increases, then the 3-knife trimmer.

The Consolidated MUELLER 3 KNIFE TRIMMER

THE NEW CONSOLIDATED-MUELLER 3-KNIFE TRIMMER with Automatic Feeder is a new method of trimming booklets, pamphlets, brochures at the high speed of up to 9,000 copies per hour.

The feeder mechanism permits loading during operation so that a continuous flow of signatures are fed by a new type, mechanically accurate, feeding mechanism that feeds the signatures on a conveyor belt that individually clamps each booklet as it passes through the 3-knife trimmer. A device counts and stacks the brochures in pre-determined quantities so that the brochures or booklets are wrapped, packed and placed in shipping containers right from the machine.

THE CONSOLIDATED-MUELLER 3-KNIFE TRIMMER is ideally suited to be a catch-all for all booklet trimming and miscellaneous difficult jobs. Another automation "first" to lower your cost and increase your profits. Priced much less than manual 3-knife trimmers.



A 3-Knife Trimmer with an Automatic non-stop Feeder for pamphlets and booklets from 4-in. x 6-in. to sizes 12-in. x 17½-in. Quick calibrated, self-centering, adjustments for knife and simplified feeder adjustment provide quick getaway and maximum production even on short runs from a 1,000 or on long runs.

CONSOLIDATED INTERNATIONAL equipment and supply company

1030 W. CHICAGO AVE. • CHICAGO 22, ILLINOIS • Phone TAylor 9-3950..51

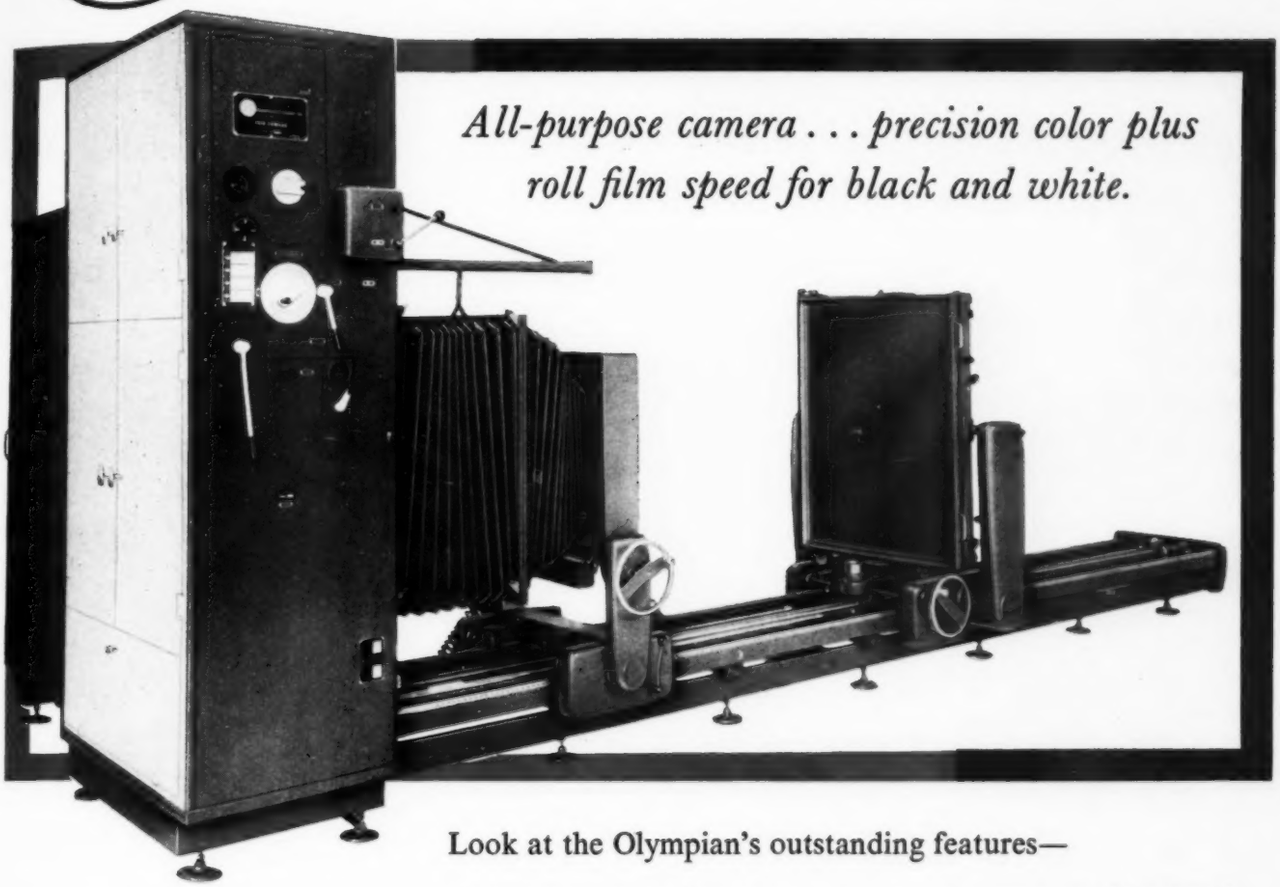
330 W. 26th ST., NEW YORK 1, N. Y.
PHONE ALGONQUIN 5-4950

25 HUNTINGTON AVE., BOSTON 16, MASS.
PHONE COMMONWEALTH 6-3888

1430 VENICE BLVD., LOS ANGELES 6, CAL.
PHONE RICHMOND 8-2186

NEW CHEMCO

OLYMPIAN



THE OLYMPIAN is designed to handle the most critical color work and also perform as a high speed, roll film black and white camera. Now in operation in lithographic, commercial and newspaper engraving galleries, the Olympian has proved its "double-duty" value.

Look at the Olympian's outstanding features—

- The first camera to dispense panchromatic roll film, eliminating hand cutting in total darkness.
- Magazine holds four rolls of film up to 30" wide.
- New exclusive vacuum back automatically controls vacuum to exact size of film to be exposed.
- Circular, rectangular and contact screen holders slide into dust-free storage compartment to left of camera box.
- Film and screen controls located on right side of camera.
- Motor driven vertical and horizontal movement of lensboard controlled from darkroom and lensboard.
- Motor driven transparency holder rotates for rapid truing up and superimposing. Controlled from both darkroom and copyboard.
- 3-point register system provides for independent positioning of color masks.
- Overhead light carrier eliminates vibration.

For full information and specifications on this new all-purpose camera write for "Olympian" brochure.

chemco

CHEMCO PHOTOPRODUCTS CO., INC.

Main Office and Plant—Glen Cove, N. Y.

Atlanta Boston Chicago Dallas
Detroit New Orleans New York

For More Information Circle 40 on Reader Service Card

Quality or speed?

speed
quality
speed
quality
speed
quality
speed

. . . with the TIRFING you get both!

speed
quality
speed
quality
speed
quality
speed
quality
speed

Here is a new letterpress specifically designed to give you quality printing—on all kinds of stock—at the highest speeds. Black and white can be run as high as 4,000 I.P.H.—intricate color, at production speeds faster than you thought possible—and each printed sheet will bear the standard of quality that has made the Swedish Tirfing famous.

Production figures now available from American plants prove that Tirfing installations mean more printed sheets per working day—more profits to the printer. Get the facts and compare. Write or phone today for a demonstration of this modern letterpress.

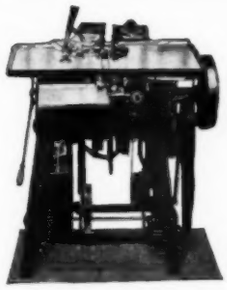
Maximum sheet size 31" x 41"

TIRFING PRINTING MACHINERY, INC.

400 DELANCY STREET, NEWARK 5, NEW JERSEY
TELEPHONE: MARKET 3-7779

For More Information Circle 174 on Reader Service Card

LUDLOW BRIGHTYPE ELROD



The Ludlow (at the extreme left) produces slugline composition from 4 point to 96 point, also ruleforms. Advertising figures and alphabets up to 240 point are cast as individual characters lengthwise of the slug.

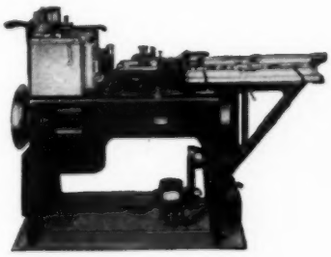
The Ludlow Universal Matrix Cabinet (shown in center above) accommodates all sizes of matrices, particularly large sizes, in normal case arrangement. Supplied either left or right-hand pull.

The Ludlow Standard Matrix Cabinet (shown at the left) meets most composing room requirements. Holds 20 cases; available in left or right-hand pull.

The Brightype (shown at left) method converts letterpress material into photographic images for offset, rotogravure or other printing. Uses present typesetting facilities and affords excellent reproduction.

The Ludlow Supersurfacer (shown at the left) facilitates high-quality printing on any paper stock, reducing press make-ready. It trims a micrometric skin-cut from the face as it is fed through.

The Ludlow Shell-Hi Slug Shear (shown at the left) shears the Ludlow shank from the slug-head, converting it to a one-line plate for use with shell-cast stereotypes, and for corrections and additions.



The Elrod (shown at the bottom left) produces leads, slugs, rule and base material ranging in size from 1 point to 36 points. Elrod material is of uniformly high quality. Available with electric or gas crucible.

Ludlow Typograph Company 2032 Clybourn Avenue, Chicago 14

Set in members of the Ludlow Tempo family

For More Information Circle 107 on Reader Service Card

Speedflex JOURNEYMAN

...for rotary speed and unexcelled quality!

sizes 17-1/2 x 13" and 17-1/2 x 26"

2 to 5 colors

17-1/2 x 26" Speedflex Journeyman Bleed Size 17 x 26"

The Journeyman, as illustrated above, will print a 17½ x 26" sheet size 2 colors on one side or one color on both sides. As an alternate, it will print a 17½ x 11" sheet size 2 colors on both sides.

Speed: 20,000 per hour.

Equals 80,000 8½ x 11" 2 colors on one side or 1 color both sides, or 40,000 8½ x 11" 2 colors both sides.

The Speedflex Journeyman produces large solids, reverses, lines, type and halftones with a maximum of perfection in color and marginal registration. Journeyman COLOR PRESSES are equipped with cylinder size paper conveyor rollers, 360° electric planetary registration control, and ink dryers if required.

Learn more about these sensational profit-making Journeyman presses...NOW! Write, wire or phone collect –

Western Gear CORP.

Orville Dutro & Son, Inc.

PRINTING PRESS SALES AND SERVICE

117 W. 9th St., Los Angeles 15, California
TRinity 8556

NEW YORK, N. Y.
1140 BROADWAY
MURRAY HILL 3-1253

CHICAGO, ILL.
81 W. VAN BUREN ST.
RANDOLPH 6-7977

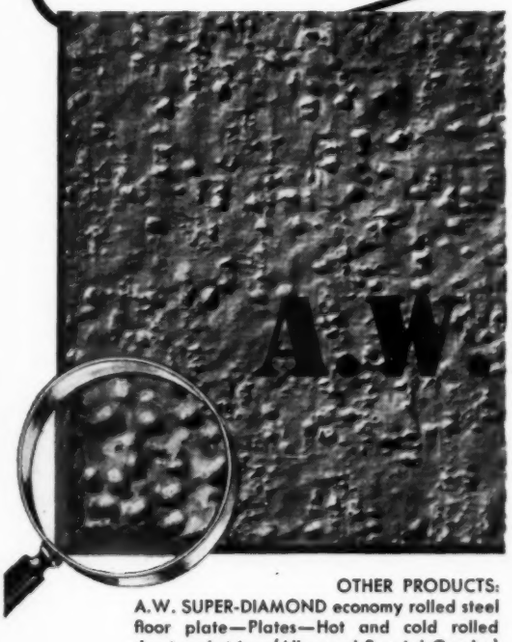
For More Information Circle 54 on Reader Service Card

Ma'm'selle has not made the slip once, since she installed A. W. ALGRIP!

Other slips . . . maybe, but never one on A.W. ALGRIP. Ma'm'selle has learned that A.W. ALGRIP won't slip . . . no matter how wet the surface. And if Ma'm'selle owned your plant, no doubt she would install A.W. ALGRIP . . . all ze way aroun'! There are many advantages. Yes, anywhere you install A.W. ALGRIP, you can forget about slippery surfaces. Hazardous slipping conditions disappear. Work efficiency increases while accident rates and insurance costs drop.

A.W. ALGRIP Rolled Steel Floor Plate is made by a patented process in which a grinding wheel type abrasive is rolled—*not coated*—to a controlled depth, as an integral part of tough steel plate. Wear merely exposes more abrasive . . . safety lasts for the life of the installation.

Check your plant for slipping hazards. A.W. ALGRIP provides super-safe footing under the most hazardous conditions—even on inclined surfaces. Send coupon for A.W. ALGRIP information, today.



A.W. ALGRIP ABRASIVE ROLLED STEEL FLOOR PLATE

ALGRIP—*approved for safety by Underwriters' Laboratories*

ALAN WOOD STEEL COMPANY
Conshohocken, Pa.

Please send A.W. ALGRIP Booklet AL-E30

Name_____
Title_____
Company_____
Address_____
City_____ Zone_____ State_____

OTHER PRODUCTS:
A.W. SUPER-DIAMOND economy rolled steel floor plate—Plates—Hot and cold rolled sheet and strip—(Alloy and Special Grades)

For More Information Circle 4 on Reader Service Card

Speed King BLACKS

IPI Speed King Blacks are newly improved packaged inks, formulated to satisfy nine out of ten press assignments. Although they vary somewhat in characteristics, they all offer these advantages:

1. **Split-second setting**
2. **Ultra-fast drying**
3. **Improved press stability**
4. **Less dryback . . . almost as bright when dry as when wet, on coated stock**
5. **High finish on coated stocks; brilliant finish on enamel, *Kromekote, Lusterkote* and C1S label papers**
6. **Print sharp and clean**

Call your IPI salesman today for Speed King Packaged Blacks. And remember . . . IPI offers still other specialized blacks for every conceivable printing purpose!

SPEED KING PACKAGED BLACKS

SPEED KING JOB BLACK has a regular job press body and can be left on the press overnight because it contains no drier. Even after long shutdown, it is easily regenerated by the addition of fresh ink. Speed King Job Black sets and dries quickly and is recommended for general shop use on enamel, coated and absorbent stocks.

SPEED KING HALFTONE BLACK contains drier and should not be left on the press overnight. It sets and dries very fast with good gloss on enamel, coated and absorbent stocks, and performs well on some machine coated papers. Recommended for all top-quality letterpress halftone work.

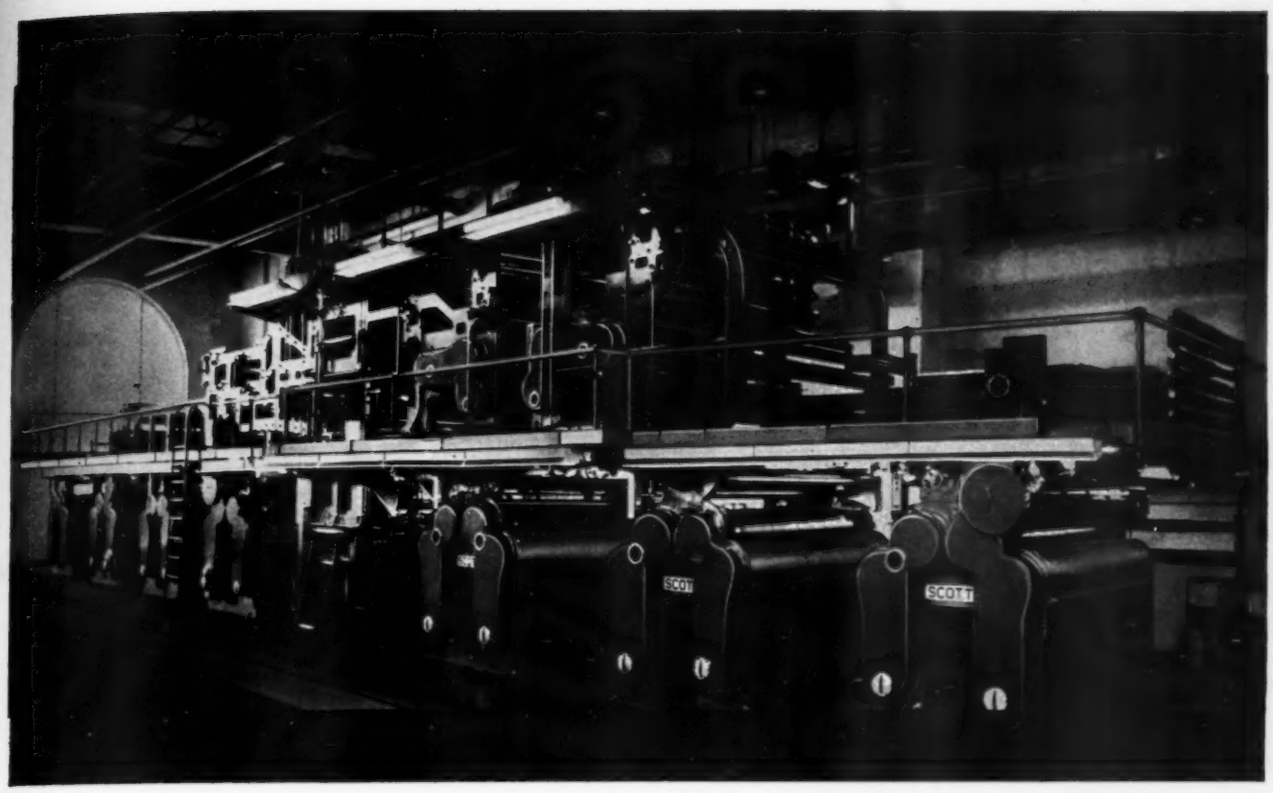
SPEED KING LITHO JET H.T. BLACK is of the highest quality—has excellent fountain flow, resists greasing and prints sharp, clean and dense. Sets extremely fast and dries quickly on coated stock—slightly slower on regular offset. Good rub and scratch resistance.

SPEED KING LITHO GEM BLACK sets extremely fast on coated paper and slightly slower on regular offset stocks—has good working qualities and is excellent for process work. Prints dense with good gloss; contains drier and cannot be left on the press overnight.

IPI, IC and Speed King are trademarks of Interchemical Corporation

CORPORATION DIVISION

EXECUTIVE OFFICES: 67 WEST 44th STREET, NEW YORK 36, N. Y.



WINNIPEG (MANITOBA) FREE PRESS

ADDS MORE SCOTT PRESS UNITS

equipped for Spot and ROP Color . . .

One of Canada's fastest growing newspapers has installed additional equipment to meet the trend to color and, at the same time, provide more press facilities for a rapidly increasing circulation by adding another black and white unit and extra color equipment to their present line of SCOTT presses.

Seven SCOTT units, with three color plate cylinders attached and two reversible color couples and reversing drives as now arranged, gives the FREE PRESS greatest flexibility for positioning both Spot and ROP color printing in either Tabloid or Regular size products.

This modern pressroom equipment, designed by SCOTT, can produce up to 52,500 full size 56-page newspapers per hour or . . . up to 112 pages on collect runs . . . *with color*, on any pages desired.

If your pressroom needs a production "lift," *by all means*, let Scott engineers show you how they can help you solve the problem.

WALTER SCOTT & CO.

DIVISION OF WOOD NEWSPAPER MACHINERY CORPORATION Plant: Plainfield, N. J.
EXECUTIVE & SALES OFFICE: 501 FIFTH AVENUE, NEW YORK 17, NEW YORK

SCOTT presses

BUILDERS OF PRESSROOM AND REELROOM MACHINERY AND EQUIPMENT SINCE 1875

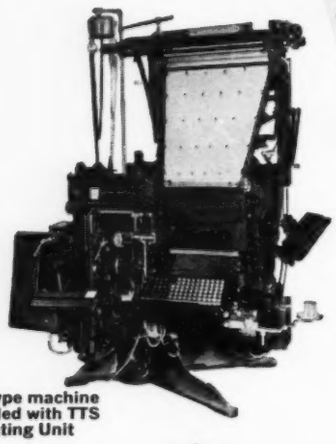
For More Information Circle 156 on Reader Service Card

←For More Information Circle 202 on Reader Service Card

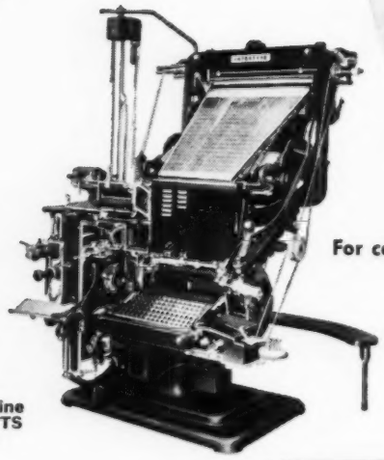
It pays to AUTOMATE your Linecasting Machines with TELETYPESETTER

AUTOMATION

Teletypesetter Perforator



Linotype machine installed with TTS Operating Unit



Intertype machine installed with TTS Operating Unit

Here's why:

1 **DOUBLES OUTPUT** of type. One TTS equipped linecasting machine will give the same production as two manually operated machines, and with only one linecasting machine upkeep.

2 **SOLVES PROBLEM** of finding experienced operators. With a TTS system a good touch-typist sets copy in tape form.

3 **CUTS OVERTIME.** Typist can punch tape at a rate of a galley or more type per hour after just two weeks practice. After six months, most operators can produce 400 or more lines per hour.

4 **VERSATILE COMPOSITION.** With TTS you can easily set run arounds, box scores, centered or flush left subheads, and tabular matter in any column width up to 30 picas.

5 **SIMPLE TO MAINTAIN.** Any machinist of average mechanical ability can easily maintain TTS equipment.

6 **PROVED IN USE.** Teletypesetter has been providing *automation* to daily and weekly newspapers since 1932.

For complete information and descriptive brochure, write:

FAIRCHILD GRAPHIC EQUIPMENT

Fairchild Drive, Plainview, L. I., N. Y.

TELETYPESETTER

REG. U. S. PAT. OFF.

TTS

For More Information Circle 171 on Reader Service Card

MARK OF ESTABLISHED LEADERSHIP IN GRAPHIC ARTS EQUIPMENT

MIEHLE · GOSS · DEXTER

Incorporated

This is the new symbol of M-G-D.

It represents long established leadership in the design and manufacture of printing, binding, paper cutting and packaging equipment. It represents a world-wide reputation for superior performance, dependability and service.

This leadership was created over the years by technically-minded companies, operating independently. Today, as divisions of Miehle-Goss-Dexter, they are backed by the coordinated engineering facilities of the whole organization.

The entire Graphic Arts Industry now benefits from the great concentration of research and development talent represented by the M-G-D symbol. Broad experience in all branches of the industry is reflected in improved equipment and methods to meet today's production requirements.

THE MIEHLE COMPANY
Sheet-fed letterpress, offset and carton equipment.

THE GOSS COMPANY
Roll-fed newspaper, magazine and rotogravure presses.

THE DEXTER COMPANY
Folding, stitching, trimming and bookbinding equipment.

THE LAWSON COMPANY
Paper cutting, trimming and drilling equipment.

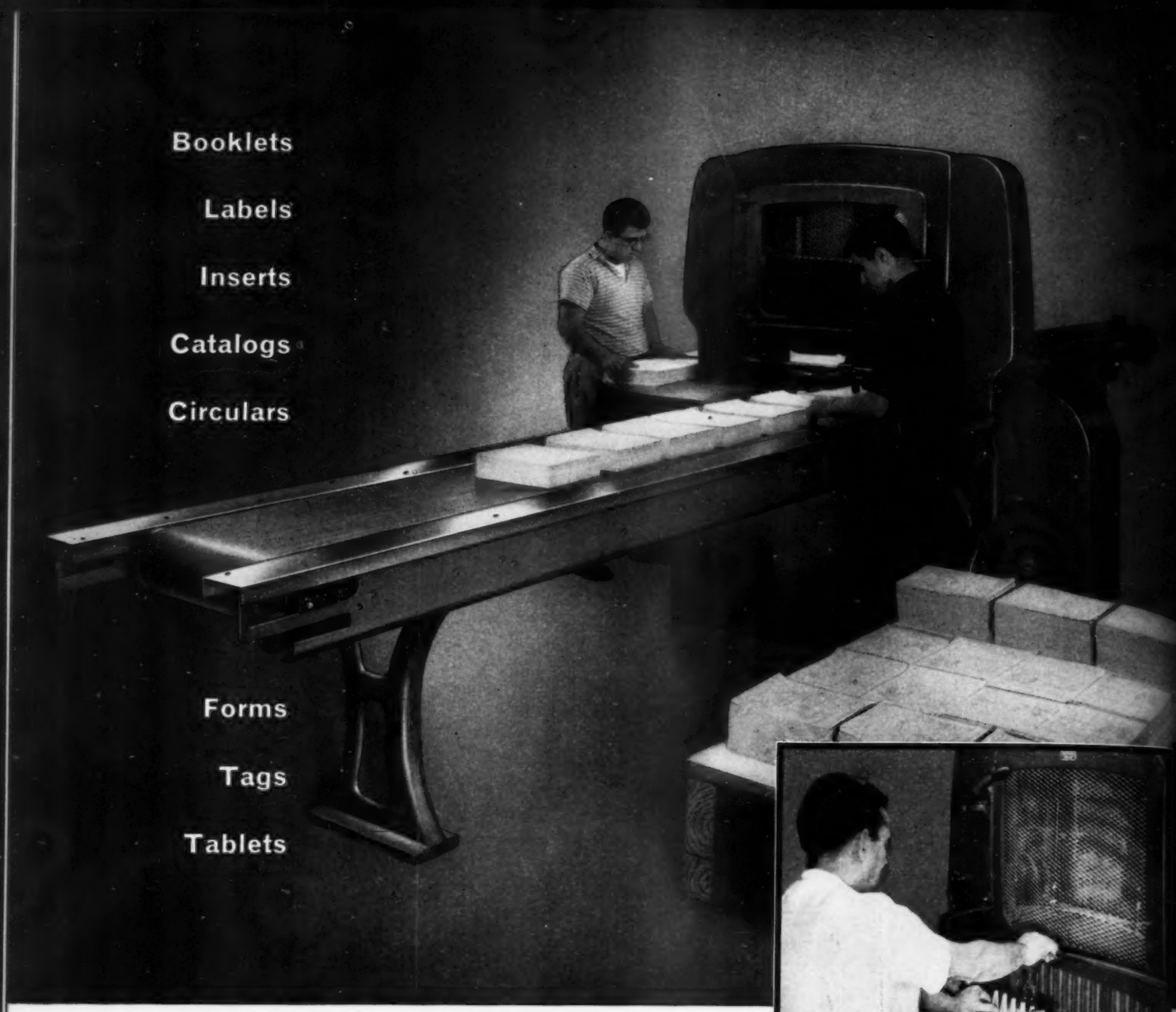
MERCURY ENGINEERING CORPORATION
Roll-fed presses and equipment for the carton industry.

INTERNATIONAL OPERATIONS
Goss operates a plant in England. M-G-D subsidiaries and selected distributors provide sales and service to the Graphic Arts Industry on every continent.

THE FILMSORT COMPANY
Aperture cards, equipment and service for microfilm filing systems.

M-D BLOWERS, INC.
Rotary blowers and superchargers for industrial applications.

For More Information Circle 234 on Reader Service Card



The fast, accurate, versatile Brackett Trimmer features selective hydraulic clamping, two-hand safety operation and simplified knife changing.

Trim them all, up to

3 Times Faster

DEXTER BRACKETT TRIMMER

Nothing trims or cuts as wide a range of work so fast...or so economically! In-line production, mechanical spacing and rugged construction are just some of the reasons why.

Dexter's Brackett Trimmer is up to 3 times faster than conventional cutters or trimmers. Production moves smoothly and accurately right through the Brackett. The built-in 9½ foot conveyor belt enables you to bundle, pack and ship right from the machine.

Easy-to-set cutting signals on the spacer shaft combine with the powered sliding gauge to position the work with precision register. Spacer shafts are removable...can be filed away with signals in place to save time on repeat jobs.

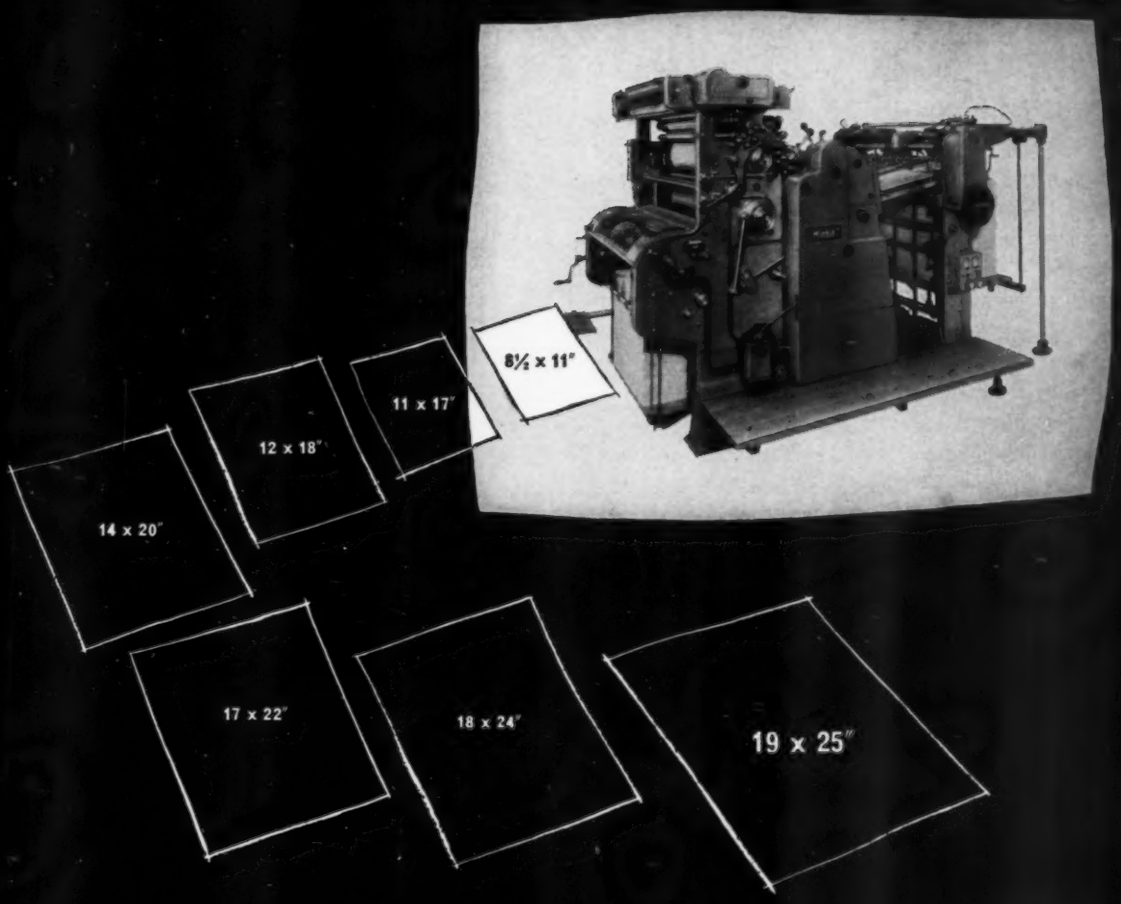
For More Information Circle 49 on Reader Service Card

WRITE FOR FULL DETAILS TODAY

THE **DEXTER** COMPANY

A DIVISION OF MIEHLE-GOSS-DEXTER, INC.

Chicago 8, Illinois



THE MIEHLE 25 OFFSET PRESS....

The job offset that handles everything

The Miehle 25 Offset Press is the most versatile press of its size. It has a wide sheet size range...handles everything from an 8½x11" letterhead to a full 19x25" brochure...*bleeds* 8½x11" *and* 9x12" jobs...produces the 6x9" and 9x12" multiples more economically. These advantages alone make the Miehle 25 a highly profitable investment.

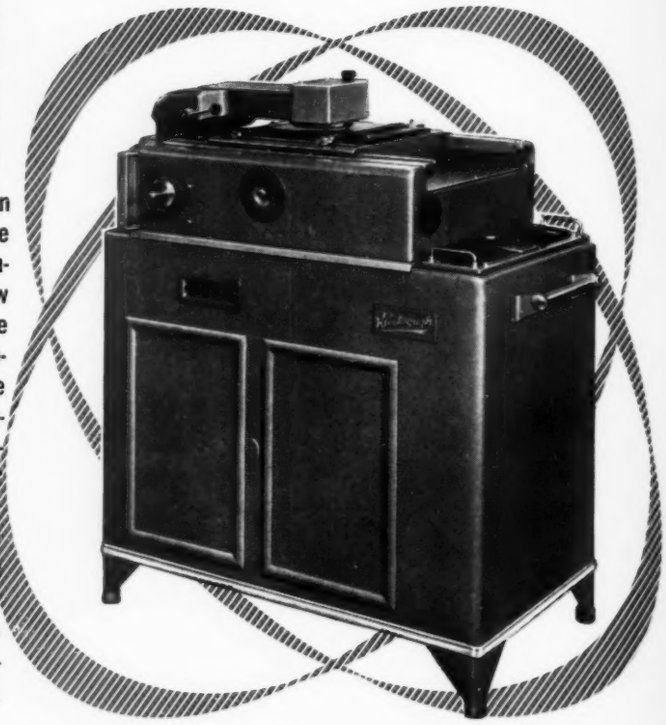
Basically similar to the famed Miehle 29 Offset, the 25 contains all of the same features which assure excellent lithographic quality at profitable production rates. Among these are superb four-roller inking, fast getaway and changeover, Miehlegrip speed plate clamp, and speeds up to 7500 impressions per hour.

Wide range and "big press" lithographic advantages... these are the factors you want in a job offset—and you get all in the Miehle 25...*the job offset that handles everything.* Write for details.

THE **MIEHLE** COMPANY
A DIVISION OF MIEHLE · GOSS · DEXTER, INC.
Chicago 8, Illinois

For More Information Circle 118 on Reader Service Card

The Consolidated K-150 KLISCHOGRAPH MACHINE



THE CONSOLIDATED K-150 KLISCHOGRAPH MACHINE is now in use in over a thousand plants, in 80 countries, all over the world. It has proven itself in every way to be the most versatile electronic engraving machine for the production of low cost, fine quality halftones in 6 — 80 — 100 and 120 line screen. Engravings on plastic, aluminum, magnesium and copper are being produced reguluarly with excellent results. The Consolidated Klischograph dual screen machine is ideally suited for the newspaper field, producing better and deeper engraved halftones for matting or direct printing and also for fine screen, high quality, publication work.

Newspaper plants, commercial printers, photoengravers and trade publishers are now operating the Klischograph electronic engraving machine profitably and many have taken on outside work and actually earned a tremendous profit from this outstanding marvel of electronic engraving equipment. The Klischograph is available for lease or for sale. Write, wire or phone. Get the facts.

The Consolidated Klischograph will engrave up to 6-in. x 8-in., the Vario Klischograph up to 12-in. x 16-in. Screens are available in 60, 80, 100, 120, and 133 as well as for line work. The most complete line of electronic engraving equipment in the world. There is a Consolidated Klischograph electronic engraver for making line work, halftones, color, for reducing and enlarging in sizes 6-in. x 8-in. and 12-in. x 16-in. A complete engraving plant in one unit, is now available.

Model F160 for color copy
Model F162 for color transparencies

The Consolidated COLOR KLISCHOGRAPH

The Consolidated Color Klischograph produces 3 or 4 color process engravings in one step at a speed of less than half an hour per color, from start to finish. Contrast control, masking control and undercolor elimination are all done simultaneously and automatically.

The Color Klischograph makes possible news color at low cost and will enable letterpress printing to compete favorably on short run color while producing a finer color production. Engravings can be made on aluminum, zinc, magnesium and copper. They can be staged and re-etched exactly as photo engravings to improve or change the original copy.

CONSOLIDATED INTERNATIONAL equipment and supply company

1030 W. CHICAGO AVE. • CHICAGO 22, ILLINOIS • Phone TAylor 9-3950..51

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PHONE ALGONQUIN 5-4950

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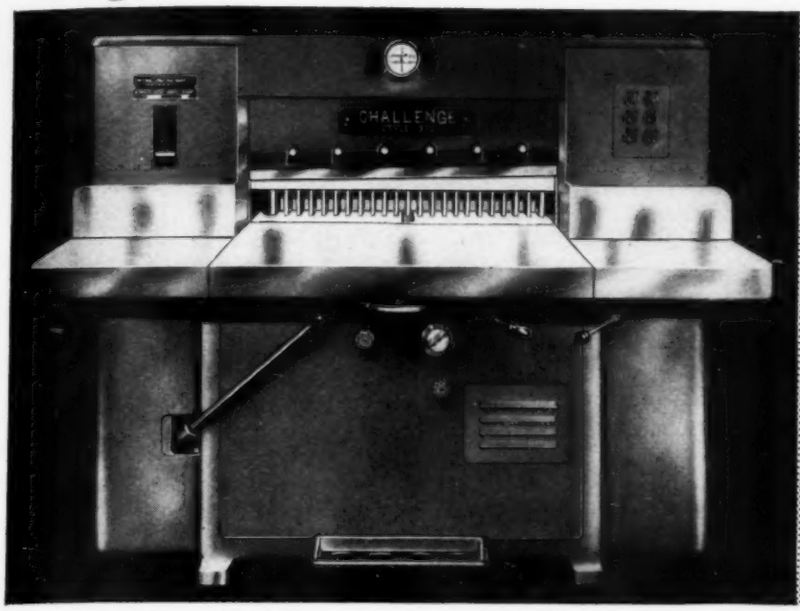
LOOK AROUND BEFORE YOU BUY

ANY PAPER CUTTER IN THE MEDIUM SIZE RANGE



You'll be money ahead with a CHALLENGE®

370 AUTOMATIC PAPER CUTTER

Why? Because this Fully Automatic 37″ Challenge Model 370 Paper Cutter offers you features normally available only in higher priced cutters—features which can contribute substantially to faster cutting . . . great production . . . and lower costs in your operations.

Such features as the automatic clamp operation, separately controlled, toe-trip operated power clamping, easy adjustment of clamp pressure, one-shot lubrication, make this Challenge Cutter an outstanding buy!

And the 37″ width enables you to handle standard 35 x 45″ sheets or even slightly larger—more than enough size for the average shop cutting needs.

So if you've reached a point where your cutting equipment is too old, too slow or too small, or there's too little of it to handle your production profitably, then look into the advantage of operating a Challenge 370 Automatic Power Paper Cutter.

For more information on this, or other Challenge Models in the 19″ to 37″ size range, see your local Challenge Printing Equipment Dealer or write

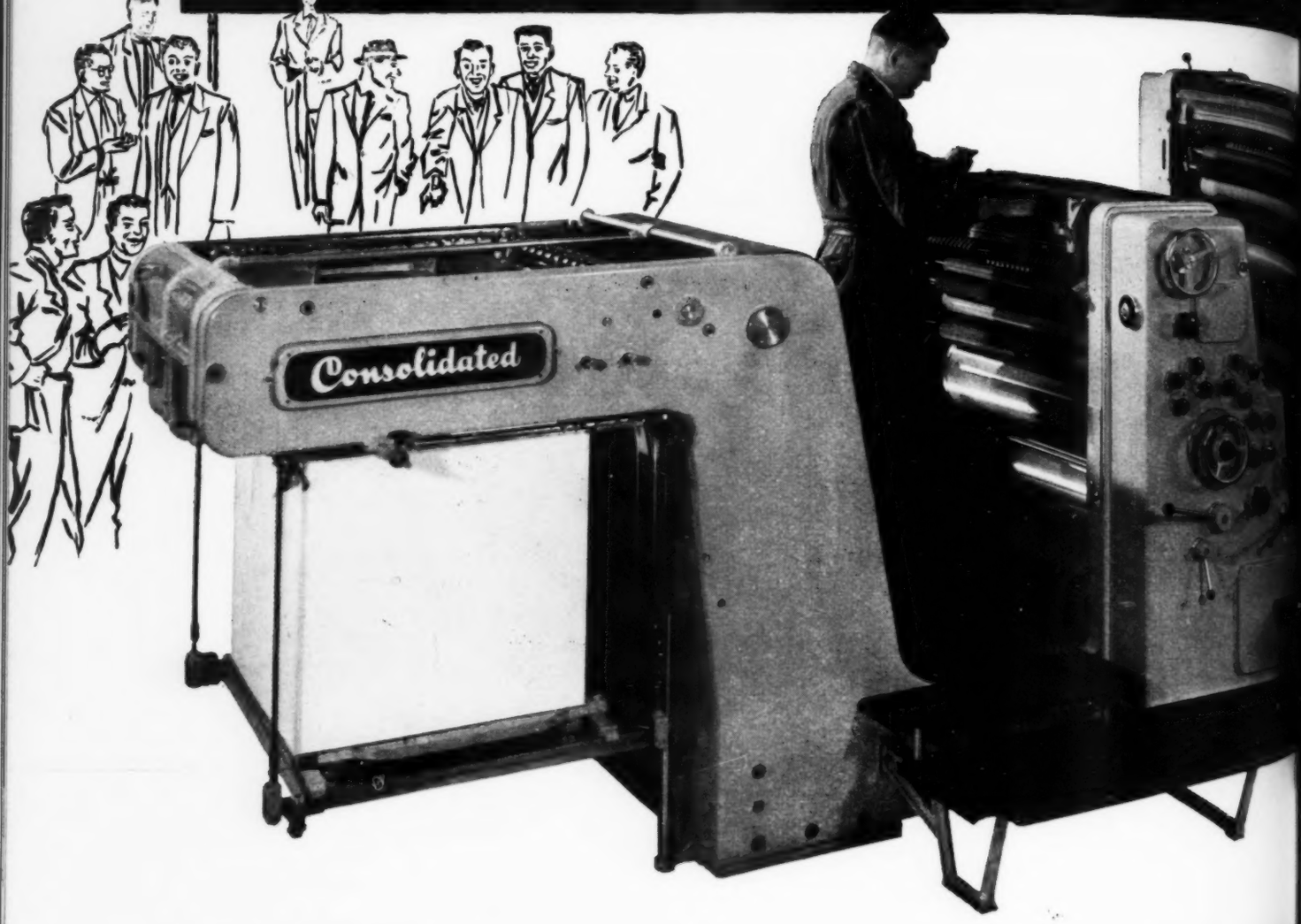
Challenge

PC-110

The CHALLENGE MACHINERY CO., GRAND HAVEN, MICHIGAN

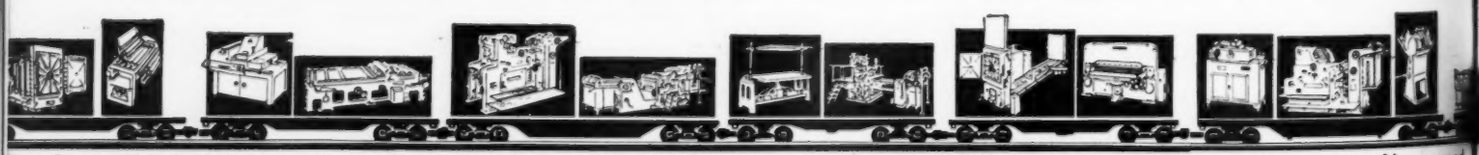
For More Information Circle 37 on Reader Service Card

THE CONSOLIDATED CHAMPION, PREMIERE SHOWING AT LAUSANNE, SWITZERLAND, EARNED THE POSITION AS THE WORLD'S CHAMPION IN MULTI COLOR FINE OFFSET PRESSES



THE NEW CONSOLIDATED CHAMPION 27"x39"

The many exclusive features and advantages of the *Consolidated Champion "39"* are too numerous to be listed here. However, to describe it best, it has everything a perfect press should have. It has all the features to help the pressman produce better and a greater volume of work. It also has the ease of operation, accessibility and everything else possible to make the pressman's job easier and more efficient. As a result, *the Champion* has the capacity to make more profits than any other press of its kind. It is the right size press for every plant! *The Consolidated Champion "39"* can be purchased as a 2-color or a 4-color unit. You can add additional 2-color units years after your original purchase.



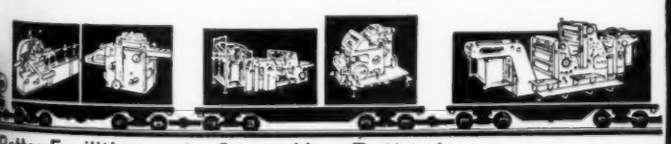
he Consolidated International Equipment and Supply Company Plants and Offices are on the Move to Larger, Newer and

CONSOLIDATED INTERNATIONAL EQUIPMENT & SUPPLY CO.

EXECUTIVE AND SALES OFFICES: 1030 West Chicago Avenue, Chicago 22, Illinois Phone TAylor 9-3950...5

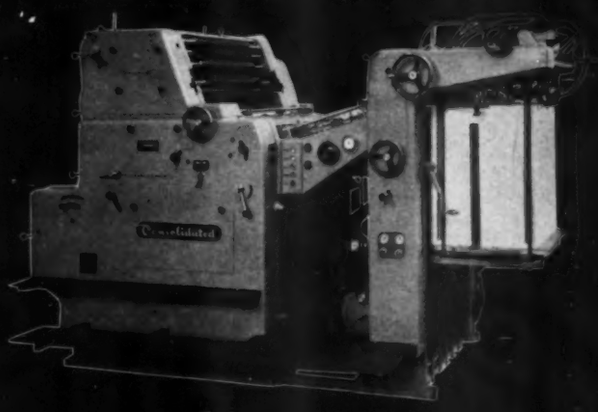
OFFSET PRESS

Designed to handle papers from onion skin to heavy cardboard; stepless adjustments for dampening and inking systems. Electronic dynamic motor drive; single lever power paper lift. Automatic adjustment for register and subsequent color on-the-run. Profit from the competitive advantage with *the Consolidated Champion "39"!*



Better Facilities — to Serve You Better !

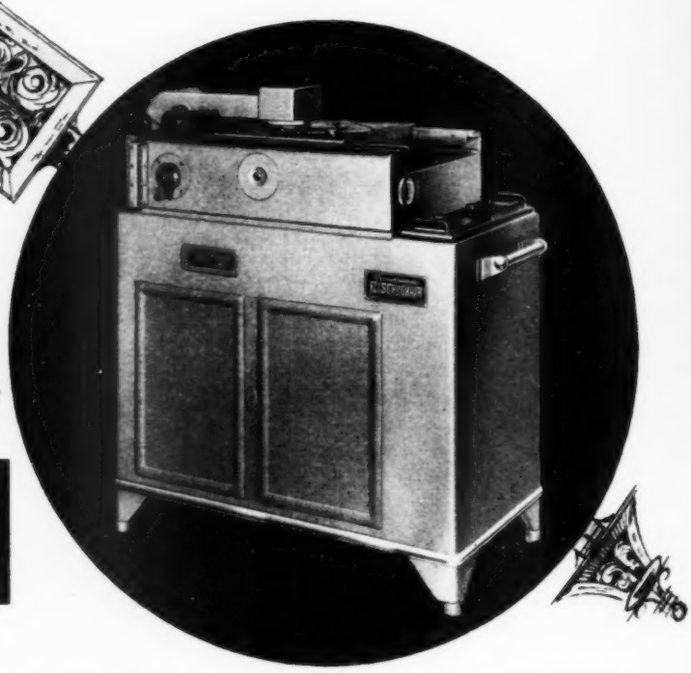
The Consolidated Jewel "29" is truly the pressman's press. Everything has been done to satisfy his exacting needs for finer printing, for higher overall production capacity, and to make it the easiest one man press to operate. The Consolidated Jewel "29" offset press, is precision-built, with Swiss craftsmanship, and designed for a modern, high-speed tempo. With its brilliant new look and touch of tomorrow, the Jewel "29" has been the outstanding choice of discriminating pressmen throughout Europe for more than two decades. It is ready today for your plans of tomorrow. The Consolidated Jewel can help you prosper.



The NEW Consolidated Pearl "25" has proven itself in hundreds of installations the world over as the offset press with every possible advantage. *The NEW "25"*, is accepted as the RIGHT size in the small press field. A press that has the speed to give you that troublefree production to compete favorably with presses up to twice its size. It is designed for quick changes, continuous running, exacting register, complete coverage — and all this with a non-stop feature that enables you to print continuously at speeds up to 8,500 sheets an hour without stopping.

....IT'S TIME TO CHANGE

This is the consensus of opinion among newspaper publishers the country over, after witnessing the KLISCHOGRAPH cutting engravings. They have been convinced that the depth and clarity have never before been equalled by any known engraving process. Moreover, the KLISCHOGRAPH engraves equally well on MAGNESIUM, ALUMINUM, and ZINC and, of course, on NOLAR FOIL (PLASTIC). KLISCHOGRAPH and VERSATILITY are synonomous, so quite naturally...



The Swing is to

KLISCHOGRAPH

Why, then, be satisfied with anything less than the ACCEPTED STANDARD OF THE WORLD? KLISCHOGRAPHS are in every-day use in newspapers in 80 countries, including the LONDON TIMES, England's leading newspaper.

AND, YOU CAN OWN IT! Low-cost outright purchase . . . most flexible financing available. Write, wire or phone for complete details. A KLISCHOGRAPH SPECIALIST will call on request.

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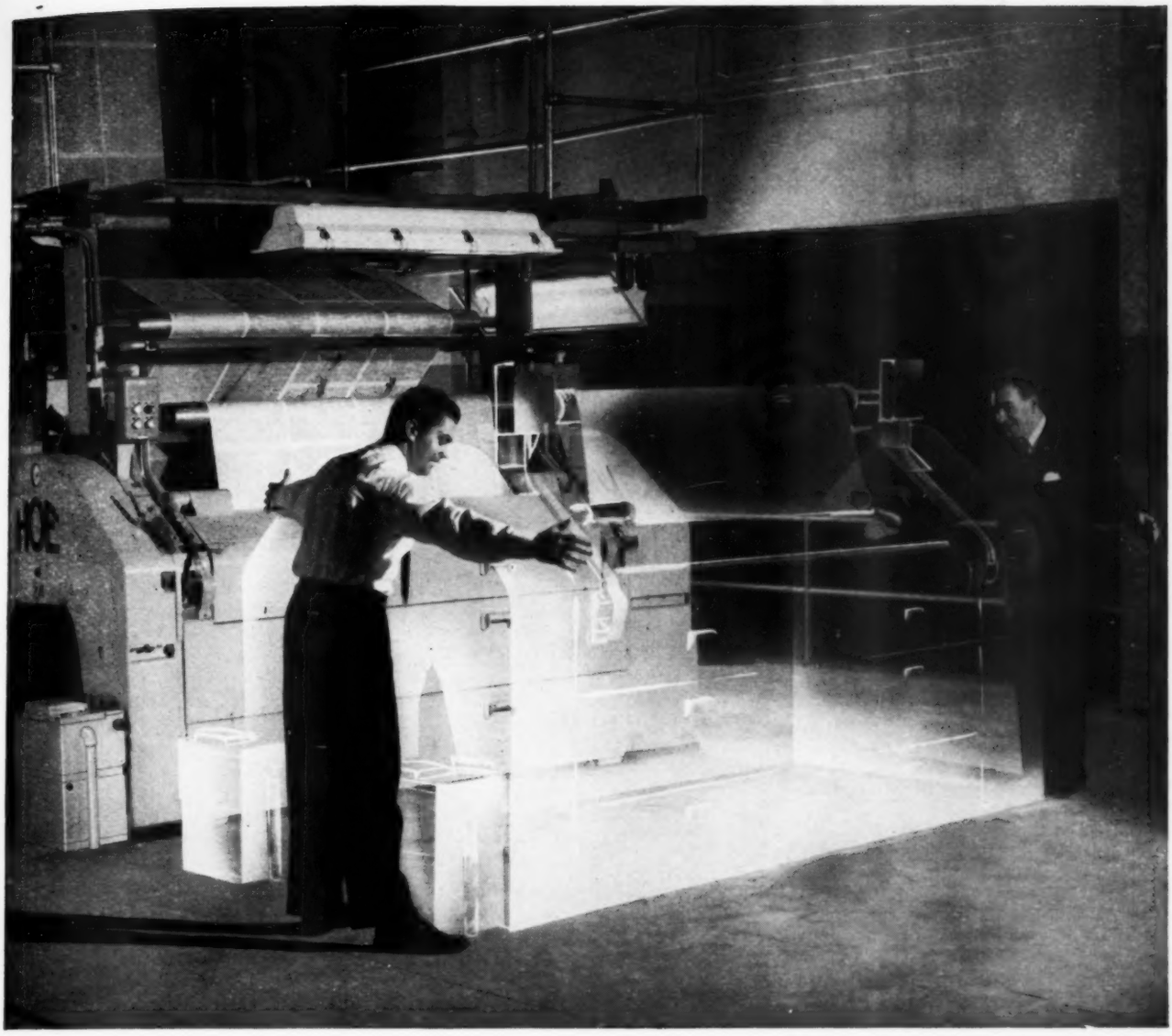

The plus of a Hoe press:

AN EXTRA UNIT IN SAVED LINE-SPACE

A pressroom planned with Hoe equipment means smooth, efficient traffic flow at press time ...free, safe aisles... room to do a job you're proud of. It can also mean the addition of new equipment to the existing lines without nightmares.

Yet nothing is sacrificed in planning Hoe presses for pressroom convenience. All adjustment and operating points are located for safe, easy access. In fact, Hoe equipment has become more and more versatile, until the available features are today's finest examples of advanced design. Hoe's consistent leadership for more than a century and a half produces astonishing efficiency.

Hoe's extensive lines for every kind of pressroom . . . engineered with the kind of precision made possible only by experienced, dedicated craftsmen . . . will help you meet competition for years to come. Hoe service is economical and prompt. *It will pay you to get in touch with Hoe.*

R. HOE & CO., INC.

910 East 138th Street, New York 54, N. Y.

Sales Offices: New York • Boston • Chicago • Dallas • Miami • San Francisco

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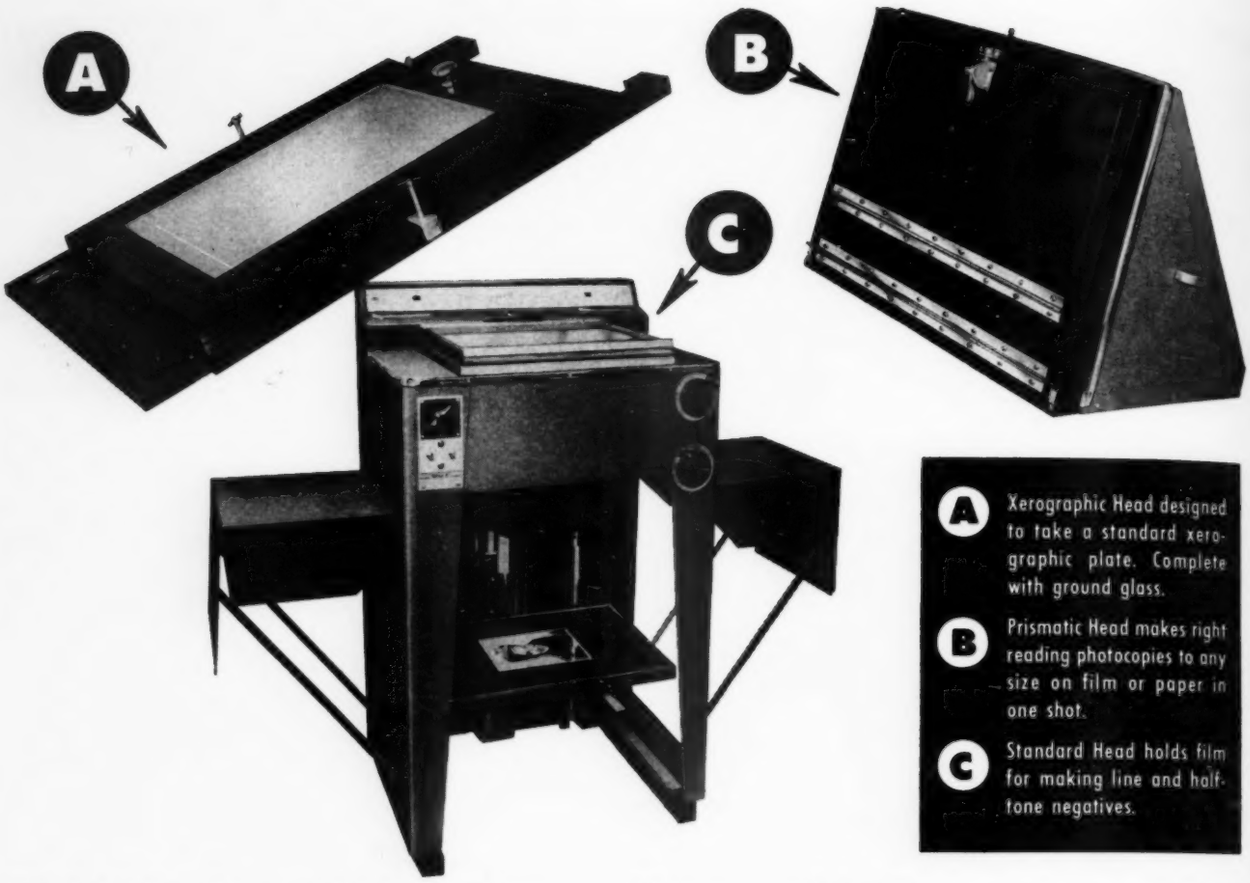

A Xerographic Head designed to take a standard xerographic plate. Complete with ground glass.

B Prismatic Head makes right reading photocopies to any size on film or paper in one shot.

C Standard Head holds film for making line and halftone negatives.

Right Reading Photocopies . . . Xerographic Exposures . . . Line and Halftone Negatives . . . All from the Versatile Kenro Camera

The Xerographic Head and Prismatic Head added to the precision built Kenro Camera make it the most versatile camera available today. Application of these accessories is varied, simple and useful.

The Xerographic Head (A) permits you to make fast easy xerographic plate exposures. It has a simple adjustment that allows uniform gripper margins on the plate, eliminating time consuming press cylinder adjustments.

With the Prismatic Head (B) you can make *reproduction quality* right reading photocopies, negative or positive, on film or paper, in one shot, enlarged to 4X, reduced to half size. Color too, can be shot using direct color print material.

With the Standard Head (C) you can make line negatives up to 14" × 18" and halftone negatives by Magenta or Autoscreen methods. Enlarges 3X, reduces to 1/3 with standard Goerz lens.

The Kenro "Vertical 18" Camera is the result of years of experience designing and perfecting a precision camera, built on the rigid and economical vertical principle. Each camera is individually aligned at the factory and is delivered fully assembled. Focusing and sizing are done with pin point accuracy using counters and micro dials which also permit hairline resetting. The reflector flood lights supply flat uniform instant lighting. Exposures are controlled by an automatic reset synchronous timer which permits any desired exposure from three seconds to 3 minutes. The heart of any fine camera is, of course, the lens. The Kenro Camera uses a diaphragm equipped Goerz color corrected lens, the standard of quality throughout the graphic arts field.

The Kenro "Vertical 18" Camera, complete with Goerz lens, lights, and standard head costs only $1250 f.o.b. Chatham, N.J. Xerographic and Prismatic Heads, Vacuum Back and extended range lenses are optional extras. Send the coupon for complete details.

KENRO GRAPHICS, INC., Dept. G-12
25 Commerce Street, Chatham, N.J.

KENRO GRAPHICS, INC., DEPT. G-12
25 Commerce St., Chatham, N.J.

Please send full information. I am interested in making:

- ☐ *Line and halftone negatives*
- ☐ *Xerographic exposures*
- ☐ *One shot photocopies*
- ☐ *I would like a demonstration*

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COMPANY _____

ADDRESS _____

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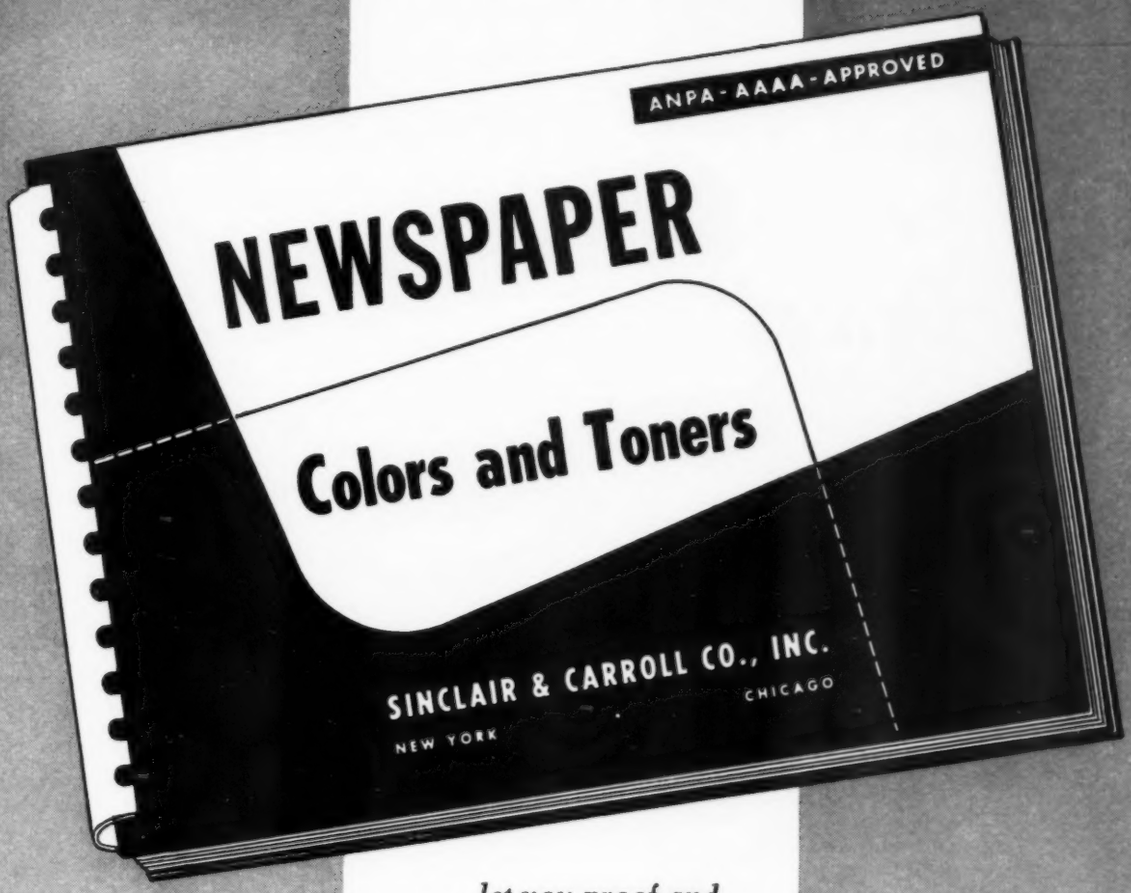
APPROVED AAAA-ANPA ROP COLORS



. . . let you proof and run with strict uniformity, maximum clarity

Progressive newspapers the world over are as timely with color as they are with late-breaking news, thanks to Sinclair & Carroll Color Book inks. With cross-mixtures, any color of the rainbow is yours, in your own plant, at a moment's notice. Uniform and perfect, time after time, to guarantee Advertiser satisfaction.

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Two Completely

NEW HIGHS

in

SYNDICATE DRY MAT

QUALITY

After three years of intensive laboratory research, Beveridge presents two completely new Syndicate Dry Mats with qualities never before available in any Dry Mat.

NEW Beveridge RED CONTRAST MAT, a syndicate mat for high quality baked mat work; a real contrast mat in maroon and white, with tremendous eye appeal and startling readability. Made with an entirely new, exclusive coating, it's the most indestructible mat ever produced giving unlimited number of casts. Reproduction fidelity is amazing . . . superb for R.O.P. Color work . . . costs no more than any other high quality mat for baked work. Made in two grades, for flat cast only and curved cast only.

NEW Beveridge "500" SYNDICATE MAT, another completely new product of Beveridge research. Made of new and different materials by new methods—"500" is for flat cast work only. Almost indestructible, it's designed especially for tough conditions, high temperatures and multiple castings, in large or small plants.

Like Red Contrasts, the "500" Syndicates are "aged" by a new method to assure perfect uniformity and high fidelity in use. Available in orange, ivory and white.

Beveridge invites you to test these two completely new and amazingly different mats. Write for samples or additional information.

BEVERIDGE MATS

NEW PRODUCTS DIVISION OF

THE BEVERIDGE PAPER COMPANY

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Right down your alley!

● You can make a quality strike every time if you fit your etching requirements to one or more of the three great Imperial Zincs. For example you can do beautiful one-bath, one-bite, one-machine etching with the powderless etching process originated by Imperial—that means the Vitaplate-VitasolV process. With halftone, line cut or combination flat the quality of etching with Vitaplate-VitasolV cannot be duplicated by conventional work.

The same fine grained zinc alloy, Vitaplate, gives beautiful work in conventional etching. Then there is Imperial Duraplate, an exceptionally durable zinc, unusually resistant to buckling for use on long press runs and heavy mat and carton printing. And Imperial Regular for ordinary work.

Order the Imperial Zinc best suited to your requirements and you will throw a quality engraving strike all the time.

3 IMPERIAL ZINCS

IMPERIAL TYPE METAL COMPANY

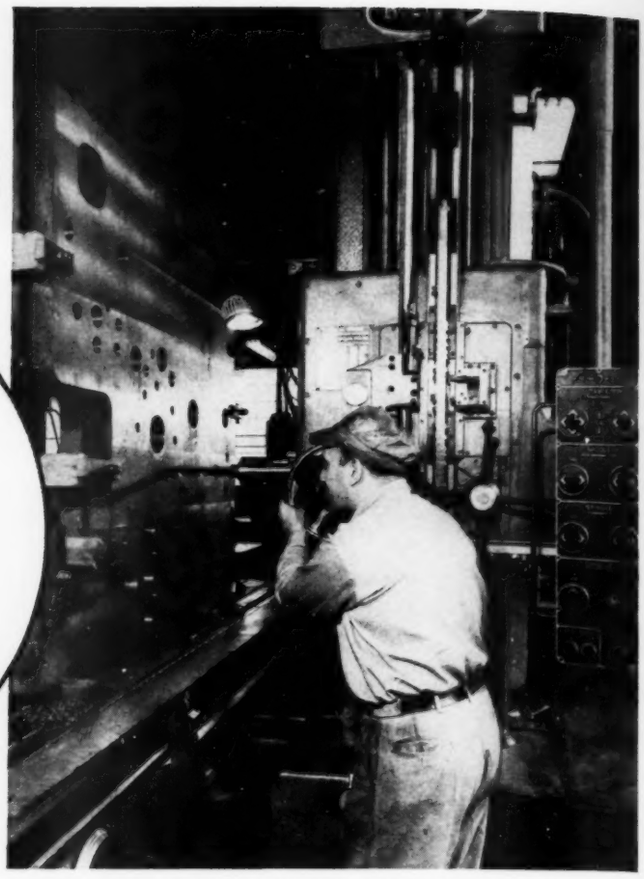
CHICAGO 50 • NEW YORK 7 • PHILADELPHIA 34

Imperial

*The use of VitasolV comes within the limits of the Dow Patents

For More Information Circle 94 on Reader Service Card

Quality Printing demands PRECISION MANUFACTURE



This Bullard model 75 HBM is boring holes in a pair of folder side frames to a tolerance of ±.0004 inch! Such Hantscho precision means printing precision and quality in every Hantscho product.

...and in the Hantscho factory *precision* is every day standard practice!

For example, all shaft and bearing holes of printing and folding units are bored on a modern automatic positioning boring mill, a production machine accurate to within .0004 inch, recently installed in our Mount Vernon factory. Just like the printer who purchases the best press available to cut costs and increase production, we too have installed the finest machine tools to enable us to decrease spoilage, cut manufacturing costs and give our customers the best possible press at the lowest possible price.

This investment in modern, precision production machinery is reflected in the quality of every Hantscho press . . . in trouble-free operation . . . and in the high quality of work produced on Hantscho web offset presses.

Ask your Hantscho representative to point out all the quality building and precision features of Hantscho presses. Compare it with any other press . . . you'll agree that Hantscho offers more value for your equipment dollar.

GEORGE Hantscho CO., INC.

602 SOUTH 3RD AVENUE, MOUNT VERNON, N.Y.
TELETYPE: TWX-MT V NY 2193
MIDWEST REPRESENTATIVES: 153 W. HURON ST., CHICAGO 10, ILL.

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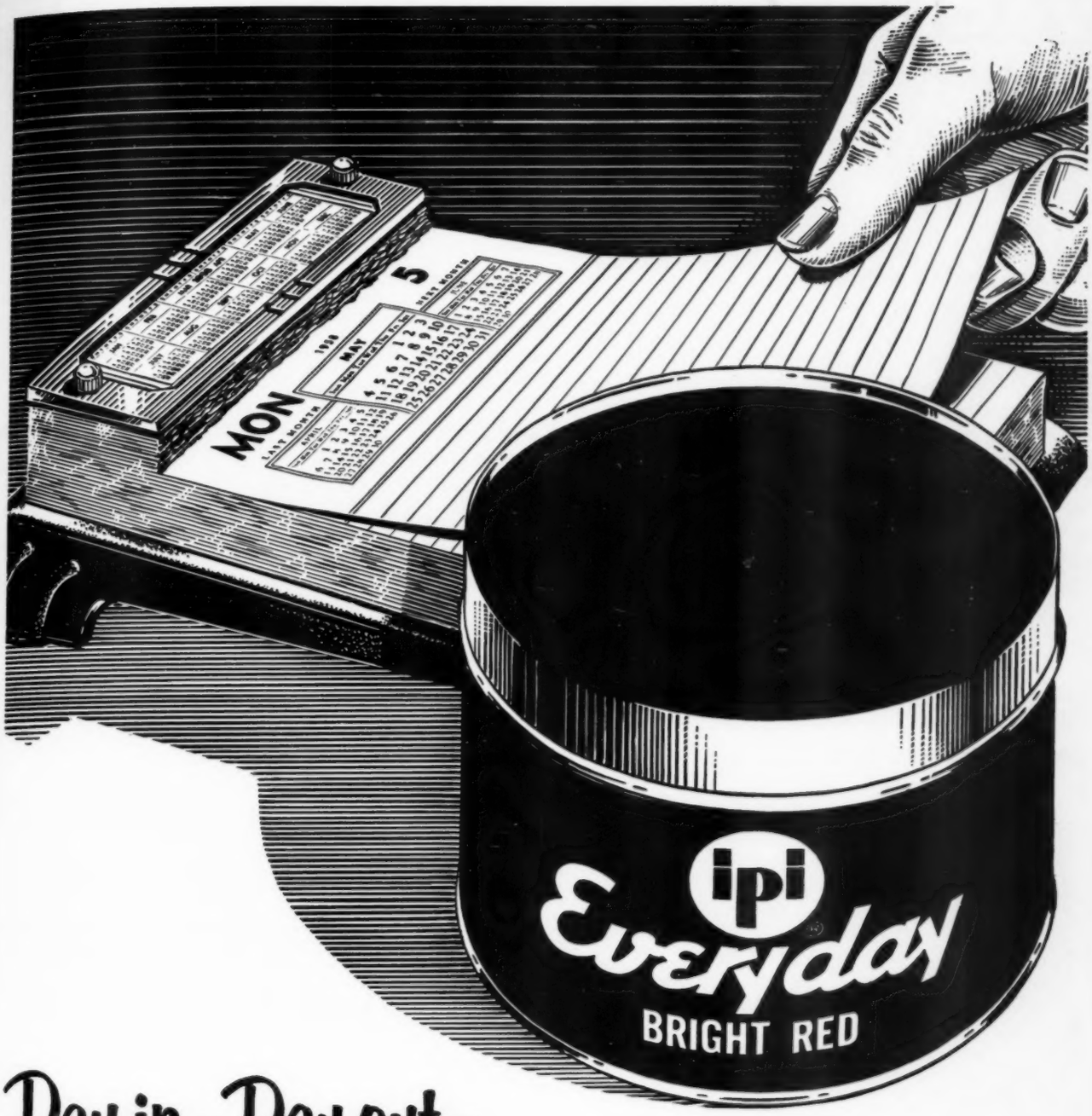

Day in-Day out-

Over the years, printers large and small have found Everyday Packaged Inks the sensible, low-cost answer to the ink inventory problem. All popular colors, blacks, whites, bond and cover inks—the Everyday line includes *everything* you need for nine jobs out of ten . . . precision formulated and ground for beautiful press performance. In stock for immediate delivery from your nearest IPI branch!

IPI, IC and Everyday are trademarks of Interchemical Corporation.

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Now... AUTOMATION for your

VACUUM PRINTING FRAMES

FINGER TIP CONTROL, SELF-LOCKING, PERFECT BALANCE

The Consolidated Automatic Vacuum Printing Frame was designed to make the platemaker's work easier; to produce more plates; and built to last till the end of time. Cover glass moves up automatically by push button control. Time is pre-set. Vacuum reserve tanks increase efficiency and maintain a uniform vacuum pressure at all times. There are no clamps or locks. The instant you tilt; you automatically lock.

There is no other frame the world over that meets the standards set by the Consolidated Automatic Elevator Printing Frame.

50" x 70"
60" x 90"
and up

Built to last a Lifetime

50" x 70"
60" x 90"

CONSOLIDATED MANUAL ELEVATOR TYPE

with self-balancing cover glass, reserve tank, single lever lock, electric timer and vacuum stat control makes this economical printing frame the best in the low priced field.

Consolidated Printing Frames now in use in hundreds of leading platemaking plants, have gained the reputation that—you always buy right, when you buy CONSOLIDATED.

28" x 38"
40" x 52"

CONSOLIDATED MANUAL HINGED TYPE

with oversize reserve tank, automatic control, spring balanced cover glass and dual spring pressure blanket, assures excellent printing frame operation. Built to last forever! Streamlined. A fine piece of equipment that your personnel will take great pride in operating. A little more costly; but a lot more value!

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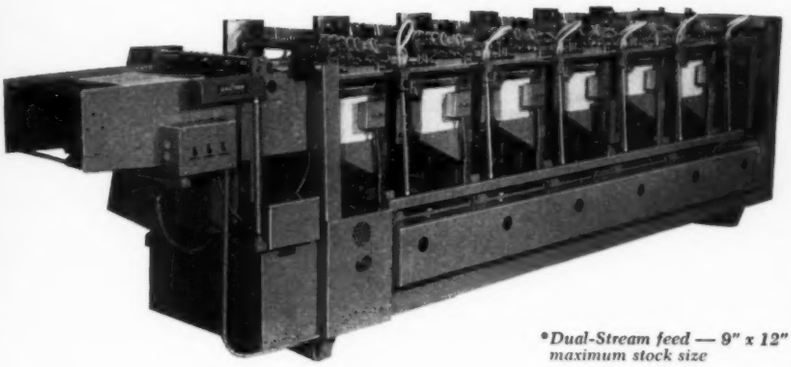
DOUBLE PRODUCTION with DUAL-STREAM COLLATING!

THE HIGH-SPEED DUAL STREAM Speed-Klect® COLLATOR

The world's newest . . . most versatile sheet collator!



*Dual-Stream feed — 9" x 12" maximum stock size

MODEL 61-11 *DUAL-STREAM* SPEED-KLECT COLLATOR**

This six-station ***DUAL-STREAM*** Speed-Klect gathers 12 sheets up to 9" x 12" in a single operation! Other models in 3- to 8-stations. Customized models for special gathering problems.

YES – hard as it is to believe – station for station, the new ***DUAL-STREAM*** Speed-Klect WILL OUT-PERFORM ANY SHEET COLLATOR IN THE WORLD*; even cuts automatic gathering costs *in half!*

With the fully automatic ***DUAL-STREAM*** Speed--Klect you can
...***DUAL-STREAM*** the same job side by side
...***DUAL-STREAM*** two *different* jobs
...***DUAL-STREAM*** a single job

No other collator can match the ***DUAL-STREAM*** *Speed-Klect for versatility!*

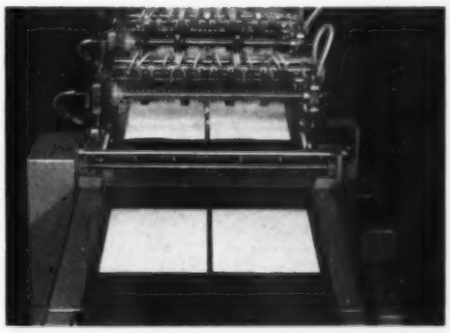
***Covered by U. S. Patent No. 2,568,224 and other patents pending.*

- ✻ THE 6-STATION, **DUAL-STREAM** SPEED-KLECT SHOWN MAKES UP TO 60,000 PICKUPS PER HOUR!*
- ✻ TWO MICROMATIC DETECTORS AT EACH STATION INSURE UNEQUALLED ACCURACY!
- ✻ POSITIVE PICK-UP AND SHEET SEPARATION!
- ✻ GLUING AVAILABLE ON ALL SPEED-KLECT MODELS!
- ✻ FAST, EASY LOADING!
- ✻ IDEAL FOR NUMBERED WORK!
- ✻ EASY TO OPERATE!
- ✻ SINGLE STREAM COLLATING UP TO 18" x 12" SHEETS!

AVAILABLE WITH

- CRISS-CROSS SET RECEIVER!
- INTERLEAVING DELIVERY!
- STITCHER!

*Dual-Stream feed – 9" x 12" maximum stock size



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Emporia, Kansas

Designers & Manufacturers

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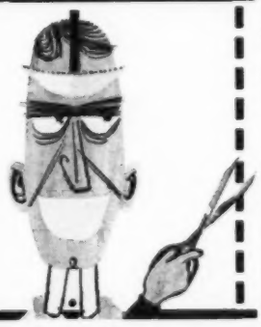

CLIP for information on this and other Speed-Klect models PP-12

☐ Please send Brochure and full information.
☐ Please send the 11-minute, 16 MM, color, sound film "Speed-Klect in Action."

NAME _____
COMPANY _____
ADDRESS _____
CITY _____ STATE _____

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FOR MORE EFFICIENT

THE NEW ACCU-SPEED GATHERER

This unique machine is the result of more than half a century of experience and research in the art of gathering signatures for edition and pamphlet book manufacturers by SHERIDAN, leading manufacturer of Gathering Machines. SHERIDAN has brought out seven different and distinct models since 1900, and the ACCU-SPEED GATHERER incorporates the best features of them all.

The machine can be run at extremely high mechanical speeds with practical operating speeds up to 125 BPM. By adding a 2-up device, running speeds up to 180 BPM are practical.

Built in four pocket units, the machine disengages to idle any four box sections.

Improved, dependable mechanical micrometers make for quick and positive settings.

Gripper arms are light in weight, short in length and stroke. ACCU-SPEED is a compact, sturdy Gatherer free from vibration, and easy to adjust. It takes a full range of sizes and types of signatures for both magazine and edition work.

The new ACCU-SPEED GATHERER can be run as a separate Gatherer, connected to a Side Stitcher and Coverer, or connected to a SHERIDAN or Martini Binder, as shown on the opposite page.

SINCE 1835

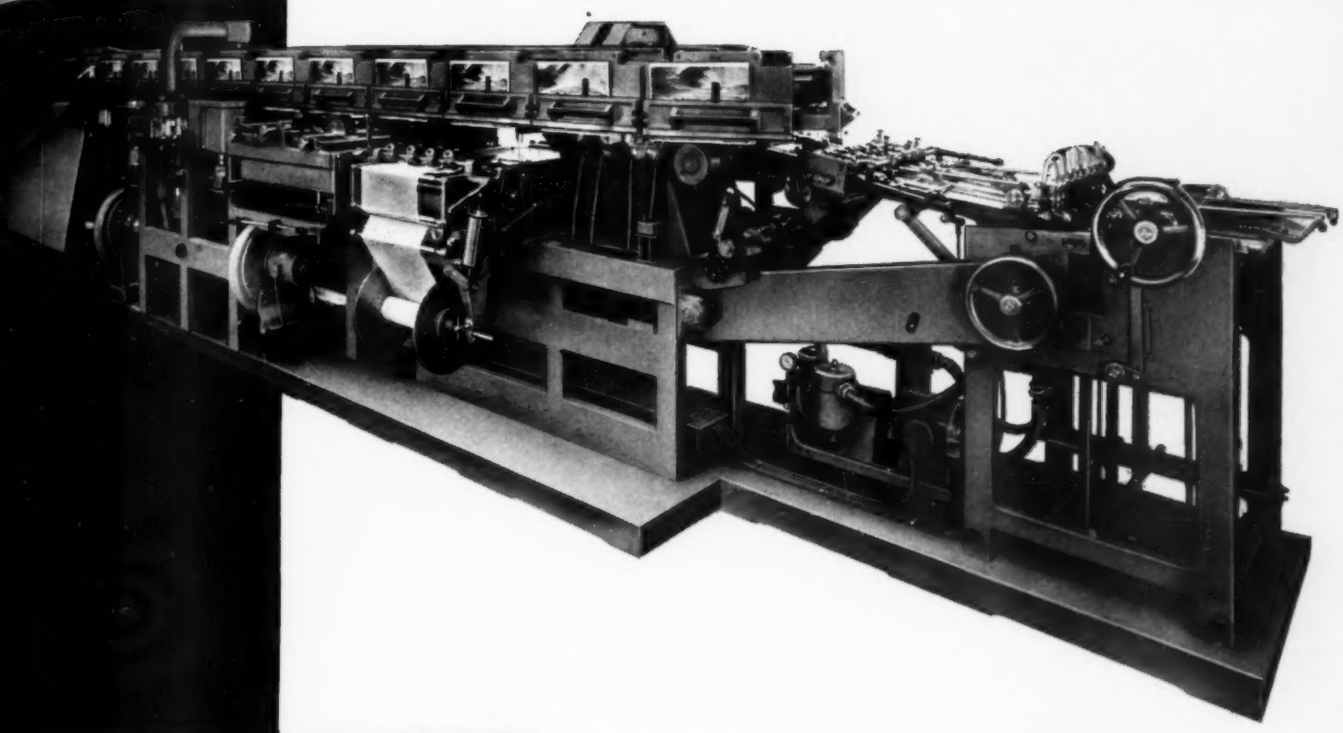
T.W.&C.B. SHERIDAN CO.

For More Information Circle 157 on Reader Service Card

220 CHURCH ST., NEW YORK 13, N. Y.

600 W. Jackson Blvd., Chicago 6, Ill. • 183 Essex St., Boston 11, Mass. • 24701 Crenshaw Blvd., Torrance, Calif. • 296 High Holborn, London, W.C 1 England

BINDERY OPERATION



THE MARTINI ADHESIVE BINDER

Designed for medium-sized runs, the MARTINI ADHESIVE BINDER offers the economy and advantage of perfect binding at a price you can afford. Built in Switzerland to the highest standards, the MARTINI BINDER is firmly constructed, with all fast running parts fitted with ball or roller bearings, centralized lubrication fittings, and easy-to-reach adjustments. It is capable of running at speeds of 4,000 to 5,500 books per hour.

The Binder is equipped with a Stepless Feed Regulator and has controls and safety switches to stop the machine in the event of misfeed.

CHANGEOVER OF JOBS CAN BE MADE IN 15 TO 45 MINUTES.

Roughing of books is done by special Milling Technique, permitting forcing of the adhesive into the fibres and between the sheets. It provides for paper waste removal; it has an Automatic Feeder for forwarding the cover; and it can put two to four creases in the cover, with provision for side application of an adhesive for the four-creased cover.

The MARTINI ADHESIVE BINDER can be combined with a SHERIDAN GATHERER. It is in popular use throughout England and the Continent.

Sole distributors in the United States:

T. W. & C. B. SHERIDAN CO.

Available in 3 Models:

MA-1

With Automatic Cover Feeder and Covering Station. (For products as illustrated "A")

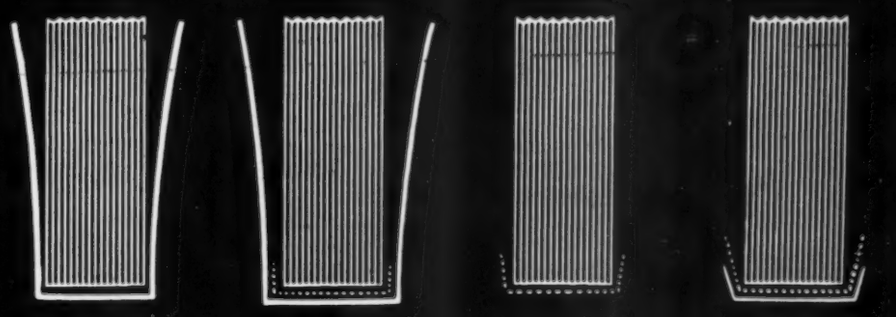
MA-2

Same machine with an extra station for applying crash between the book back and cover. (For products as illustrated "A" + "B" + "C")

MA-3

Includes the addition of a Back Lining Attachment. This machine, in addition to normal work, will produce books to be rounded and cased-in. (For products as illustrated "A" + "B" + "C" + "D")

Min. size book: 6″ x 4″ x ⅛″
Max. size book: 16″ x 10″ x 1¾″
Floor space: 36′ x 8′



5200
Sheets per hr.

THE NEW ALBERT AUTOMAT 15½"x22¾" HI-SPEED LETTERPRESS

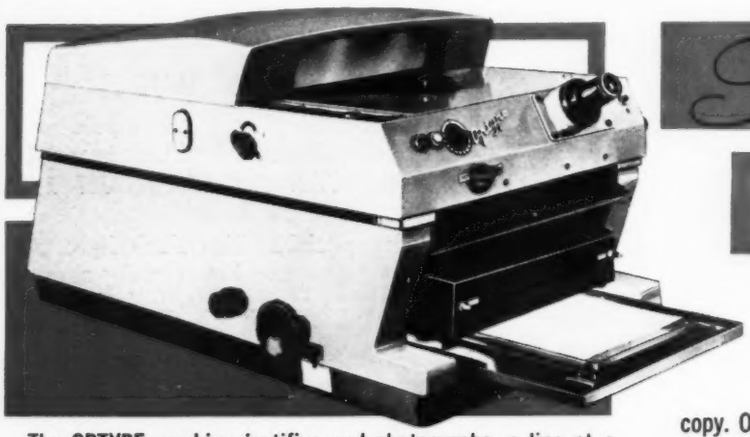
for quality & speed

The non-stop feeder enables continuous operation without stopping for loading of stock and the non-stop Extension delivery enables removal of loaded trucks while the press is running. Sheets are delivered, face up, enabling close inspection as the sheets are delivered.

The NEW Consolidated Albert Automat with its higher speed of 5,200 sheets per hour and the new, increased, size to 15¾-in. x 22½-in. gives the letterpress printer the opportunity to compete more successfully with the platen presses, verticals and smaller offset presses. This small, high speed, press has all of the high quality features to produce finer quality, maximum production and every non-stop feature, so that the press operates and produces continuously.

The Consolidated Albert Automat is a 4-track, heavy duty, cylinder press equipped with three large form rollers and the famous Albert extra large vibrator roller for absolute full coverage ink distribution. Automatic drop fountain, automatic wash-up, and ease of accessibility to the printing forms makes the Albert Automat the easiest operating letterpress in the field today.

The Consolidated Albert Automat is manufactured in sizes 15¾-in. x 22½-in., 22-in and 31½-in., 25-in. x 38-in. and 30-in. x 44-in. They are all of identical design and construction and produce the same fine, highest quality printing. Place your order now for your first Albert Automat and soon you will have a family of Albert Automats.



The Consolidated

OPTYPE MACHINE

A new and revolutionary system of photo line typesetting with optical devices for justifying, reducing, condensing, expanding and tilting typewritten copy, directly on photographic film or paper.

The OPTYPE machine justifies and photographs, a line at a time, typewritten or other copy. It has built-in mechanisms for line spacing, for creating condensed and extended type through the use of ingenious optical lenses and prisms. It has a mirror system for making Italic type from Roman copy. It will do all of these things at the rapid speed of 1,000 LINES PER HOUR.

Operations are simple and positive. Operator views the right hand margin and turns a knob to expand or condense the line to fit the pre-determined right hand margin while the height of the letters remain the same. As many as 10 DIFFERENT SIZES OF TYPE can be produced from a SINGLE typewritten copy. Over 80 variations of type are available from each typewriter face. Typewriters on the market today are equipped with type faces used for every printing text need. The OPTYPE is the answer to new, low cost, photo composing with a minimum of investment and a maximum of productivity. Simple to operate.

The OPTYPE is a precision photographic instrument that has its place in every printing, duplicating and copy preparation department. See it in operation at our offices or at the trade conventions and you, too, will be convinced that the OPTYPE, today, will do for the industry what the linotype did at the turn of the century.

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25 HUNTINGTON AVE., BOSTON 16, MASS.
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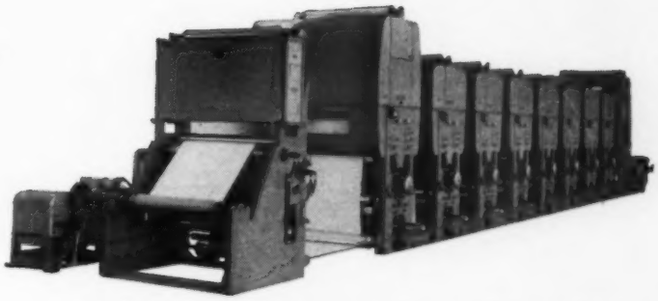
Champlain

means broad experience... a long tradition of quality and service

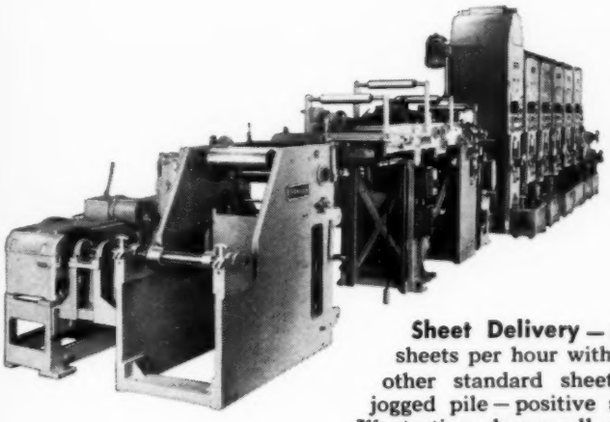


CHAMPLAIN ROTOGRAVURE presses are designed and built to provide the finest quality in printing. High speed and precise register are combined with the production economies of a highly automated printing operation. An investment in the high quality features of a CHAMPLAIN rotogravure installation is your best assurance of top performance . . . simplicity and flexibility of operation . . . long, trouble-free service with a minimum of maintenance.

The CHAMPLAIN name on any piece of printing equipment is backed by long years of experience in research and manufacture; by skilled workmanship in all phases of production; and by prompt expert service.

Rewind Press — automatically controlled constant tension rewind roll stand — positive synchronization to press for speed of rewinding and roll hardness. Roll stand illustrated has integral constant tension pull unit and conditioner for web moisture content. Single, multiple, and continuous turn-over models.

Cutting & Creasing Press — cuts, creases, and automatically strips cartons from roll stock in one pass through the press—speeds up to 200 impressions per minute—precise cut-to-print register—minimum set-up time. Illustrated with alternator and double belt delivery to sort reverse-interlocked carton blanks.



Sheet Delivery — delivers up to 12,500 square-cut sheets per hour with 1/64" accuracy. Faster than any other standard sheeter. Undamaged edges — neatly jogged pile — positive sheet control — no waste trim. Illustration shows roll stand for alternate rewinding of web.

Other CHAMPLAIN quality-built printing and converting equipment

FLEXOGRAPHIC, FLEXOGRAVURE, ROTARY TABULATING CARD, LETTERPRESS, & SPECIALTY PRESSES — for Tag, Chart Paper, End and Bakery Seals, Die Cut Labels, Tabulating Cards.

CUTTING AND CREASING EQUIPMENT — Roll Fed Swing-Type Reciprocal and Stationary Die Cutting and Creasing Presses — Vertical Extruding and Eccentric Punches and Perforators — Rotary Blankers.

SPECIALTY CONVERTING EQUIPMENT FOR INLINE USE — Rotary Embossers—Perforators and Score Units—Slitting Equipment—Hot Melt Thermoplastic Applicators—Special Delivery Equipment.

AUXILIARY EQUIPMENT — Automatic Electronic Proportional Register Controls (for multi-color and fabrication register on roll-fed equipment) — Automatic Web Splicers.

Custom Designed Equipment for Special Applications.

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Pick a

WETTER

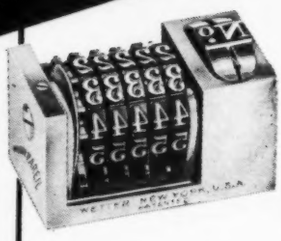
and always get...

- Perfect Number Sequence
- Clean, Sharp Impressions
- Crisp, Accurate Register

NONPAREIL MODEL

For general use on large diameter cylinder, bed and platen type presses. Roman or Gothic figures.

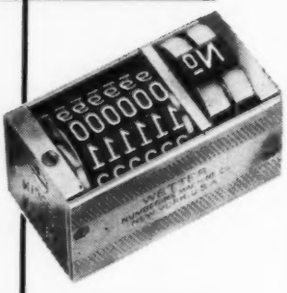
5-wheels—$26.00*
6-wheels— 28.00*
7- and 8-wheels—prices on request



MIDGET MODEL

For use where room for numbering machine is limited i.e. stamps, coupons, tickets, etc.

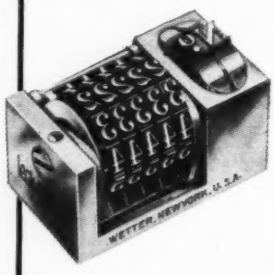
#115—5-wheel Roman $40.00*
#223—6-wheel Roman 45.00*
#116—6-wheel Gothic 45.00*
#224—7-wheel Gothic 50.00*



LOCK-WHEEL MODEL

For small diameter cylinder, high-speed presses. Roman and Gothic figures.

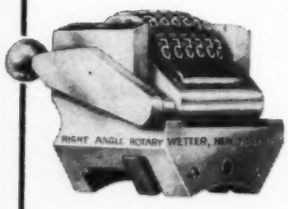
5-wheels—$31.00*
6-wheels— 33.00*
7- and 8-wheels—prices on request



RIGHT ANGLE ROTARY MODEL

For numbering at right angles to the impression cylinder. Available also for parallel operation. Gothic and Roman figures. Prices on application.

*Removable slide plunger $1.00 additional—all prices F.O.B. Brooklyn, N. Y.



1801

WETTER NUMBERING MACHINE CO.
ATLANTIC AVENUE & LOGAN STREET · BROOKLYN 8, N.Y.
ONLY UNION MADE NUMBERING MACHINE IN U.S.A.

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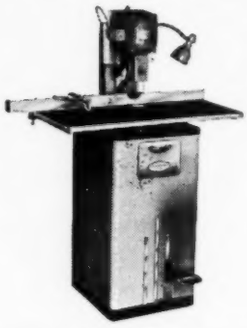
PIONEER DRILL



Handles a full range of round holes as required for post and ring binder forms. Will handle up to eight holes in a 16" sheet with any back margins up to four inches. Simple and quick to set up. Easy to operate. High output. Ball bearing motor. 32" table. Exceptional cornering, slotting and slitting attachments available.

BENCH MODEL $211.00
FOOT-FEED MODEL $286.00
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PIONEER

PRODUCTION MODEL

ROUTER & PLANER

The only movable router priced for the average user. The work is clamped solidly on the bench. The router does the moving. Clear, unobstructed view of work at all times. Depth of cut under continuous control. Depth changeable while running. Standard in the flat bed publishing field. A time and money saver in any shop. Complete with work holder and cutters.

$78.00 F.O.B. Toledo

Order today, or to obtain free literature simply check your classification, attach to your letterhead and mail to:

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ROUTERS AND PLANERS • PAPER CUTTERS

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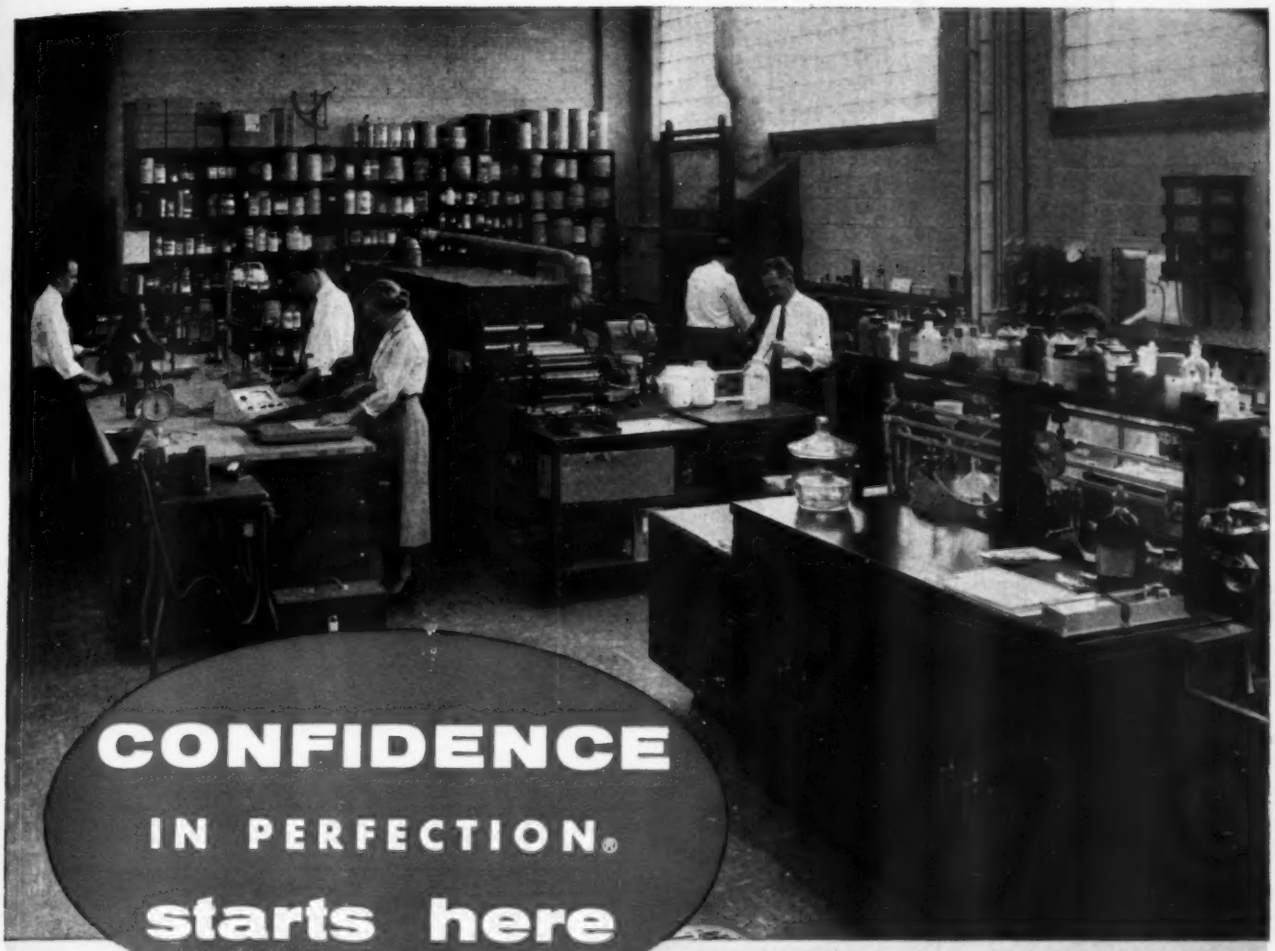

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Scientific Laboratory Control

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SMALL ROLLS AND
FOLDED PAPER PRODUCTS

A. Complete laboratory tests on raw material before acceptance for converting.

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PAPER MANUFACTURERS COMPANY
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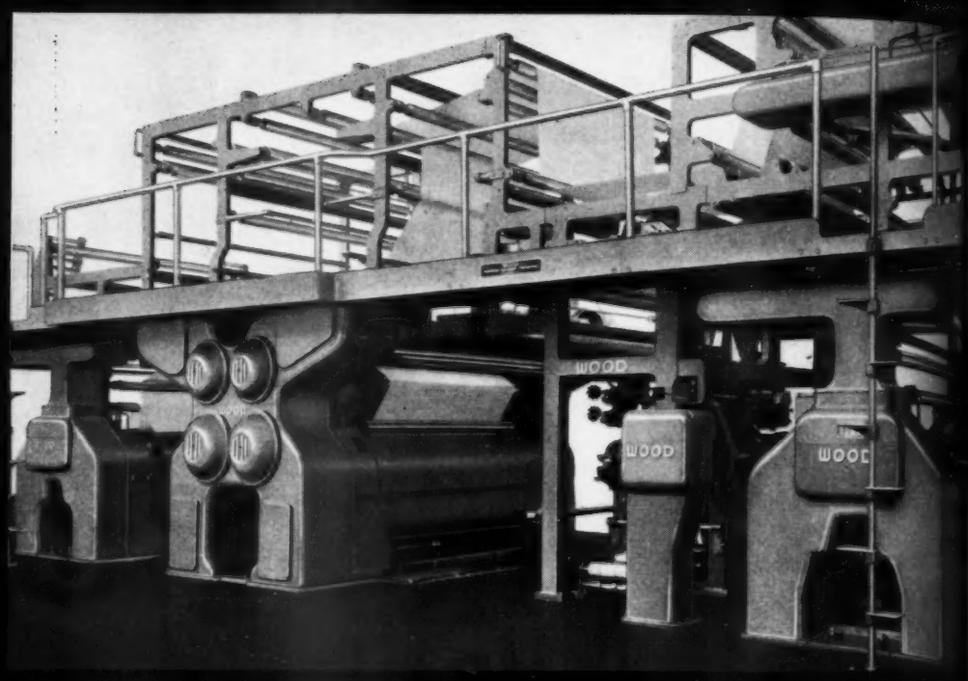
WOOD

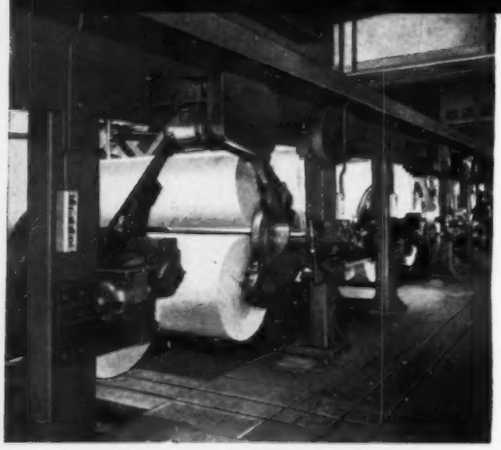
machinery and equipment for Pressrooms, Reelrooms and Stereotype Departments

A complete line of the most modern Pressroom, Reelroom and Stereotype equipment, engineered to meet the needs of big-city and smaller-city newspapers.

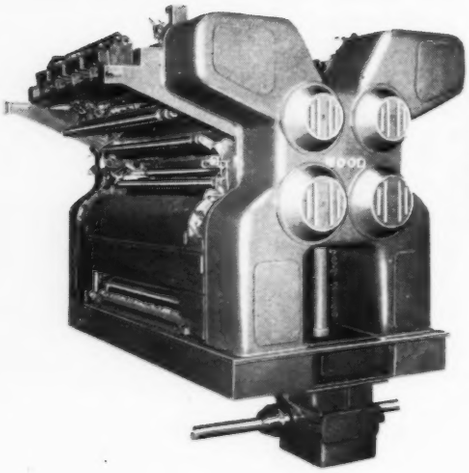
Standard models or custom built to meet individual requirements. Designed for high-speed operation and finest quality production. Let us help you plan an all-new plant or modernization of your present layout.



METROPOLITAN COLOR–ADAPTABLE PRESS UNITS
Featuring Waist-High Ink Controls, Film-Feed Inking, Portable Color Ink Fountains, Reversible Color Couples, and Color Plate Cylinders.



TYPICAL NEWSPAPER REELROOM
Equipped with WOOD Standard 3-Arm Reels, Pneumatically-Controlled Tensions, and Automatic Autopasters.

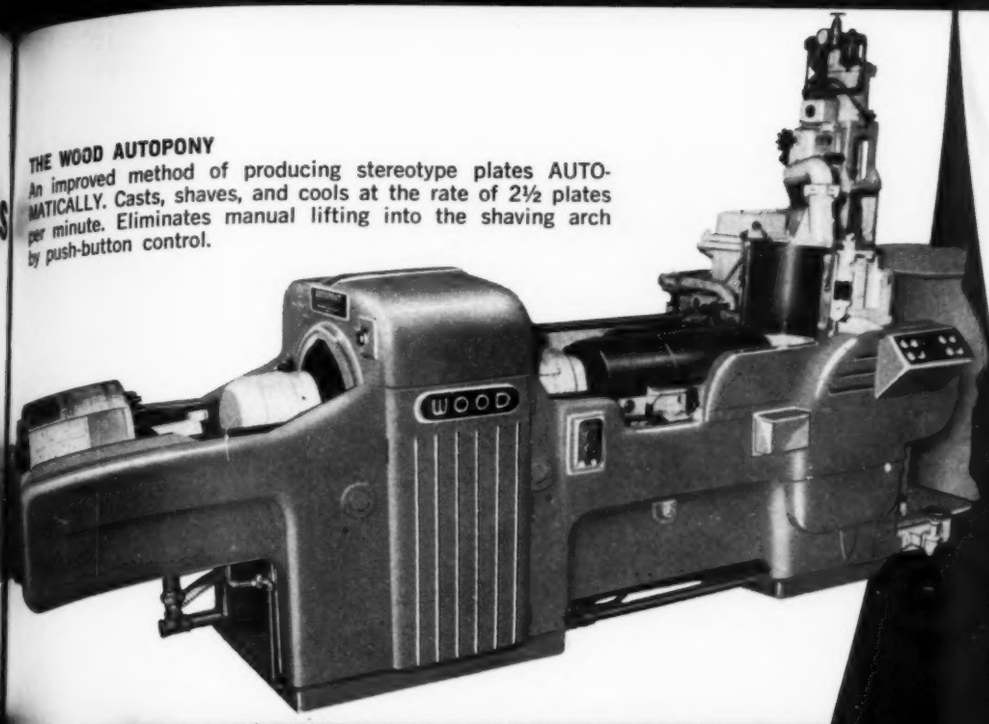


METROPOLITAN 4-COLOR UNIT
Provides "color of your choice" for ROP, Supplements, Comic Sections. Finest quality Multi-Color printing guaranteed by use of single gear between printing couples. Short web leads and no back-lash resulting in perfect register.

IF IT'S Wood IT'S GOOD

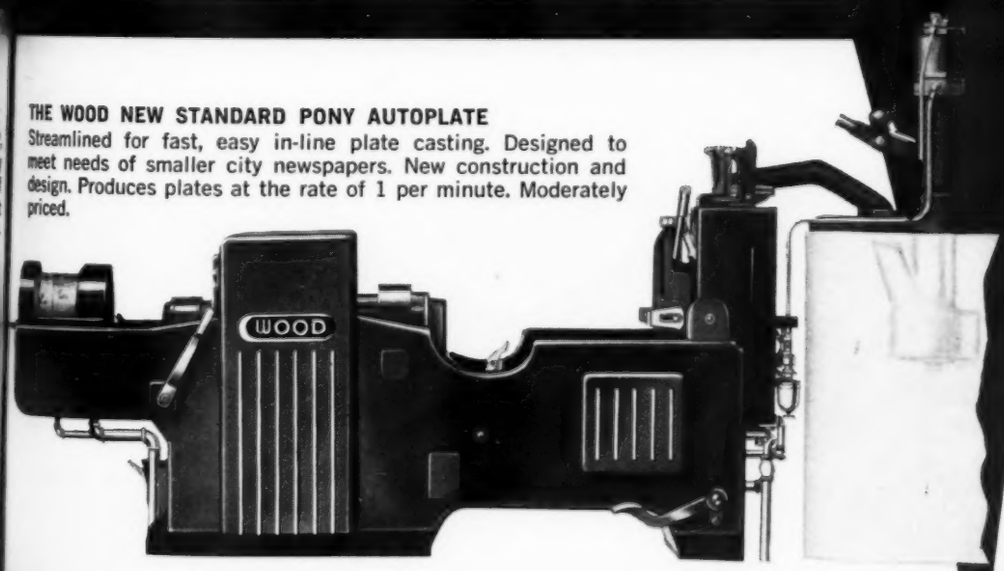
WOOD NEWSPAPER MACHINERY CORPORATIO

THE WOOD AUTOPONY
An improved method of producing stereotype plates AUTOMATICALLY. Casts, shaves, and cools at the rate of 2½ plates per minute. Eliminates manual lifting into the shaving arch by push-button control.

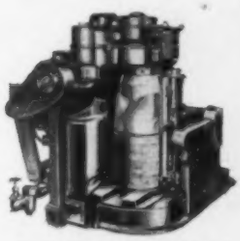


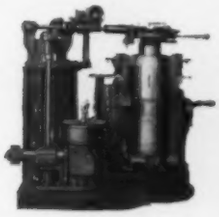
THE WOOD NEW HEAVY DUTY PONY AUTOPLATE
Designed for smoother, more uniform heavy-duty in-line casting. All operations, including casting, shaving, cooling, and drying produce plates at the rate of 1½ per minute.

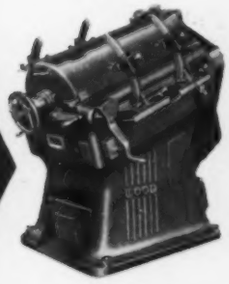
THE WOOD NEW STANDARD PONY AUTOPLATE
Streamlined for fast, easy in-line plate casting. Designed to meet needs of smaller city newspapers. New construction and design. Produces plates at the rate of 1 per minute. Moderately priced.

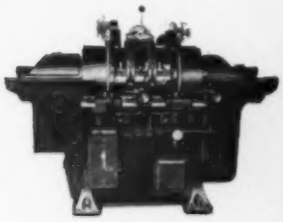


TENSIONPLATE ATTACHMENT

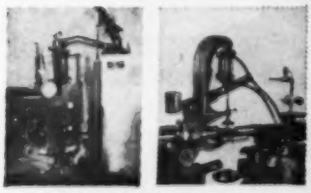

AUTOMATIC AUTOPLATE


JUNIOR AUTOPLATE


COLOR PLATE
PRE-REGISTERING MACHINE


AUTOMILLER

HEAVY DUTY AUTOSHAVER


PNEUMATIC PUMPING SYSTEM

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MAKERS OF PRESSROOM, REELROOM AND STEREOTYPE EQUIPMENT FOR A CENTURY
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Produced at Lowest Costs

You can complete in one operation any type of label, using any type of label stock including heat seal, pressure sensitive and other materials—with one New Era Press at speeds up to 7,500 impressions per hour. Finished product is delivered either cut off, rewound or folded.

Completed in Any Size

Why pass up or farm out short-run orders of 5,000 to 30,000 sets for any size snap-outs and continuous forms when one New Era Press does the jobs profitably with minimum changeover and downtime. There is no limit to size of forms as with a rotary press.

FROM PAPER ROLL TO COMPLETED PRODUCT IN ONE HIGH-SPEED OPERATION

That's the New Era Press! It prints any number of colors on one or both sides of the web at the same time, die-cuts any shape or size, slits, punches, perforates, numbers and delivers the finished job—either cut off, rewound or folded—at the end of one run by one pressman. The New Era Bulletin also shows how the New Era Press handles bag headers, tickets, specialties. Write on your company letterhead now for your free copy of the New Era Bulletin.

Also produces Bag Headers, Specialties, Tickets, many other products

SEE GRAPHIC ARTS IN ACTION
7th EDUCATIONAL Graphic Arts EXPOSITION
NEW YORK COLISEUM SEPT. 8-12, 1959

New Era Booth 147

MANUFACTURING CO., BOX #400, HAWTHORNE, NEW JERSEY
Manufacturer of the finest printing presses for more than 59 years

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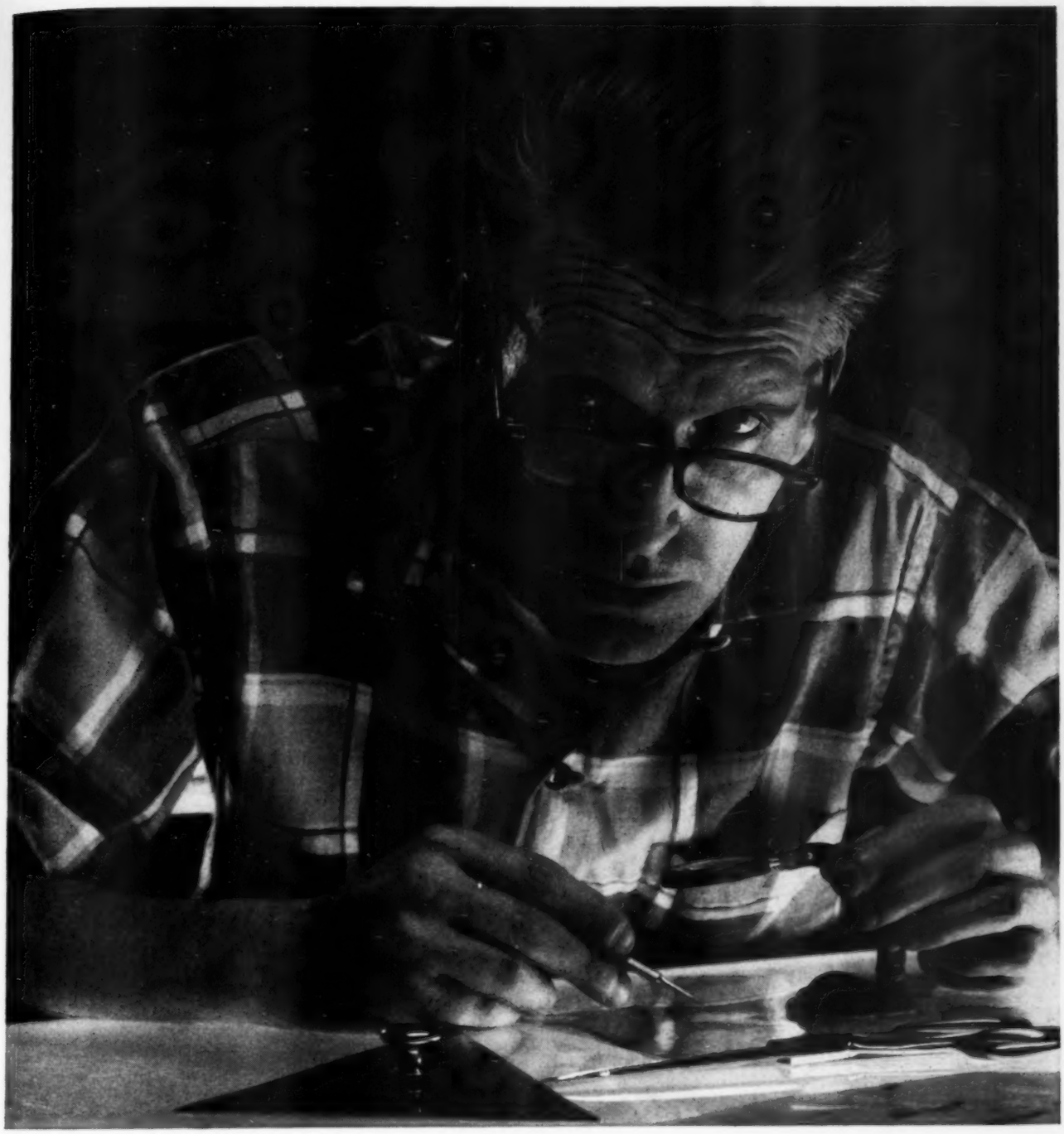

When quality is strained

Tough graphic art jobs really test the quality of materials. Really brilliant reproduction can only be obtained from a combination of materials *and* technique.

That's why so many fine workers insist on Ansco products for all applications.

Ansco graphic arts materials have a brilliance and crispness that means better reproduction in both line and halftone work. Look to Ansco's Reprolith emulsions in blue-sensitive, orthochromatic and panchromatic sensitivity for the finest in reproduction quality.

Look to Ansco's chemicals; Reprodol Developer, Permadol Developer and Acid Fixer for the finest in clean working, long life dependable solutions.

And remember the Ansco specials, Stay-Flat solution and Ansco Stripping Film Cement . . . they are all specially formulated for the ultimate in workability. Depend on Ansco whenever quality is important. Ansco, Binghamton, New York. A Division of General Aniline & Film Corp.

Ansco

Graphic Arts Products

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NOW! START A BUSINESS

AUTOMATIC TAG STRINGER & KNOTTER

Punches holes, strings and knots cord on shipping and merchandise tags and booklets automatically up to 7,500 per hr. Bulletin 17.

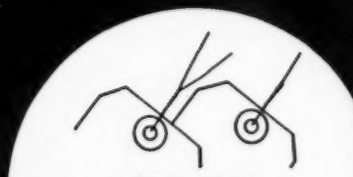
FASTEST AUTOMATIC PATCH AND EYELETTER

Attaches patch, punches holes, inserts eyelets in one operation at 6,000 per hr. Bulletin 19.

AUTOMATIC TAG STRINGER & LOOPER

Strings and loops cord on square or rectangular shipping, merchandise, and Christmas tags at 5,700 per hr. Bulletin 16.

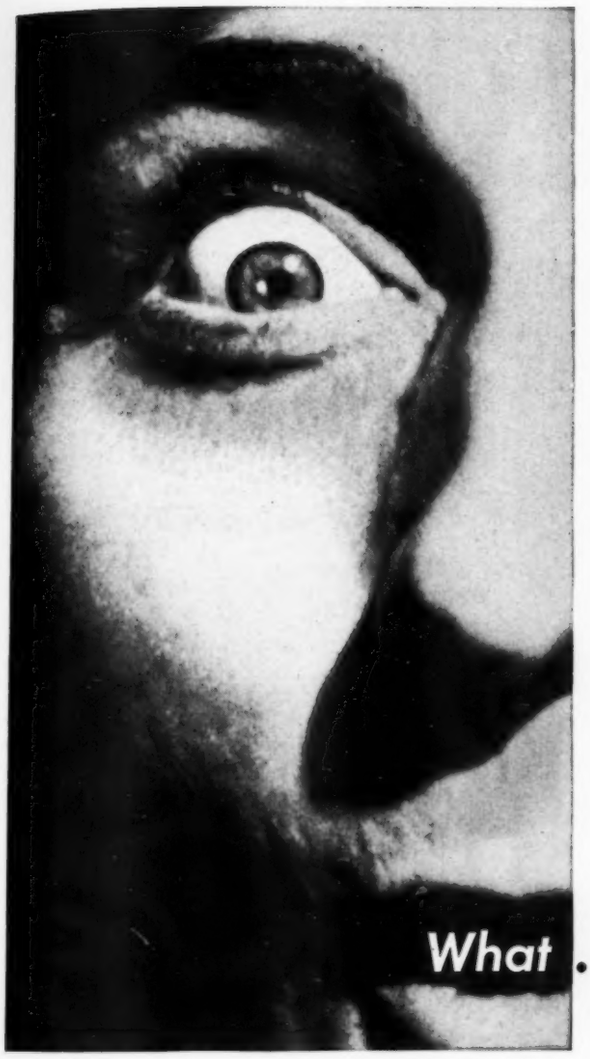
GRAEBER
Stringing & Wiring
MACHINE COMPANY



AUTOMATIC WIRING MACHINE

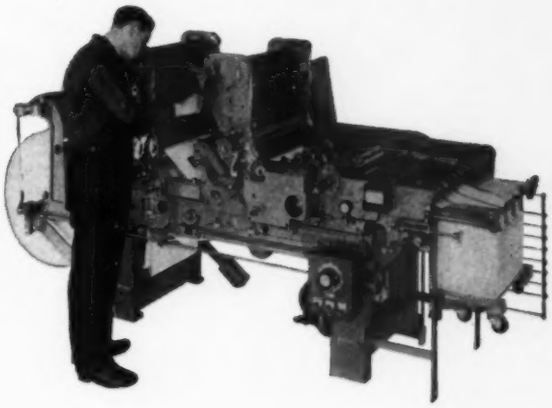
Threads wire on shipping, merchandise or gang tags, single or double strand wire, at 5,700 per hr. Bulletin 18.

For More Information Circle 228 on Reader Service Card



Special features that will help you win jobs and profits:

Cuts stock costs, because paper is cheaper when bought in rolls.
Perforates lengthwise at any point across the web.
Unloads without stopping the press.
Uses same offset plates as sheet fed presses.
Minimum number of controls speeds set-up time.



What ...a web press for job work?

That's right...a web press! It's a two color offset press...the ATF GREEN HORNET. It's designed specifically to bring the high production advantages of web printing to regular job work.

You'll find this press a real time saver and money-maker on folders, price lists, leaflets, letterheads, mailing pieces, and many other types of work.

The Green Hornet handles a web from 8" up to 17½" wide...delivers cut sheets 11½" long. It prints two colors on one side of the web, or one color on each side...at speeds up to 25,000 IPH...and even higher! A built-in slitter permits running 8½" x 11" jobs two-up. Thus you can produce as many as 50,000 sheets per hour. And with the special *double ending device*, you can print an 8½" wide web *two colors* on *both* sides.

You can easily see how much more productive this is than a sheet operation...and what a favorable bidding advantage this high production gives you.

Learn how the ATF Green Hornet can fit into your operation—how it will enable you to handle a greater volume of business at greater profits. Mail coupon for your copy of the Green Hornet folder that covers all specifications and operating features.

ATF

American Type Founders

200 Elmora Avenue • Elizabeth, New Jersey

Better, more profitable printing... from the most complete line of equipment.

American Type Founders
Dept. PP 200 Elmora Avenue, Elizabeth, New Jersey

Please send me a copy of the Green Hornet folder.

NAME ..... TITLE .....

COMPANY .....

STREET AND NUMBER .....

CITY ..... ZONE ..... STATE .....

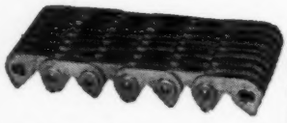
For More Information Circle 10 on Reader Service Card

- **Positive power transmission**
- **Minimum maintenance**
- **Lower ultimate cost**

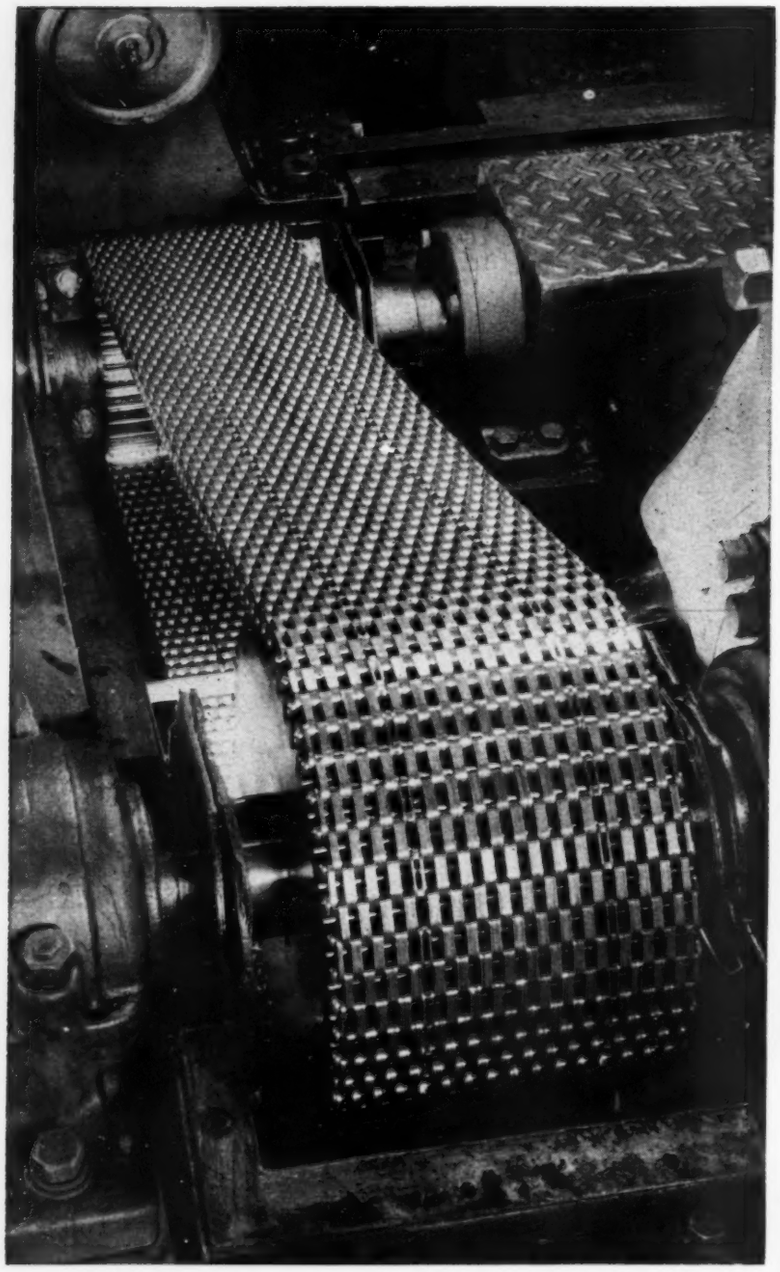
All yours with

Silent Chain

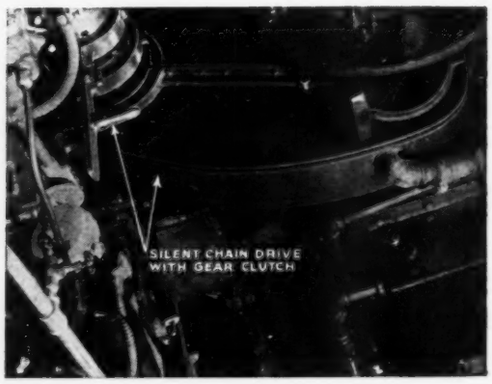
assures precise register... slip-proof performance on high-speed press drives



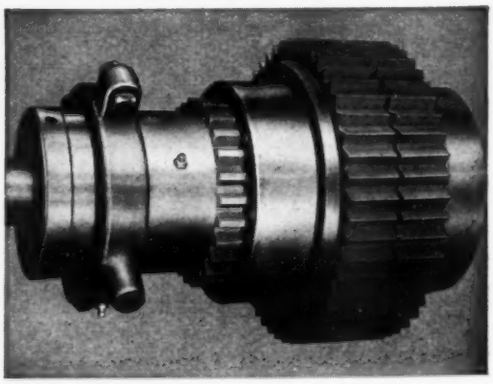
Here's chain that's specially designed to take repeated high impact loads in stride. Heavy-duty Link-Belt silent chain is slip-proof, shock-proof . . . assures smooth, *positive* press operation. These rugged drives meet every demand of high-speed, high-hp presses—commonly provide trouble-free performance for 25 or 30 years. Tooth-to-tooth action maintains exact ratios and peak efficiency (over 98%). For additional details, write for Silent Chain Book 2425.



FIVE-COLOR PRESSES at this plant maintain precise register at 15,000 impressions per hour. As on the majority of the country's high-production presses, Link-Belt silent chain drives are used.



ENCLOSED Link-Belt silent chain drive operates in oil-tight casing on this high-speed press . . . maintains efficiency despite heat or humidity. Drive utilizes clutch arrangement shown below.



GEAR CLUTCH WHEELS with internal and external gear tooth clutch mechanism can be supplied where desired.

LINK-BELT

CHAIN DRIVES

14.672

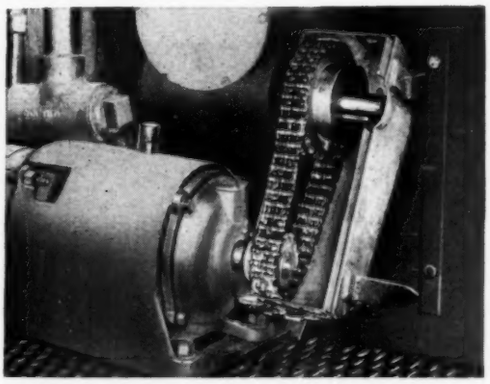
LINK-BELT COMPANY: Executive Offices, Dept. 1258-PP, Prudential Plaza, Chicago 1. To Serve Industry There Are Link-Belt Plants, Sales Offices, Stock Carrying Factory Branch Stores and Distributors in All Principal Cities. Export Office, New York 7; Canada, Scarboro (Toronto 13); Australia, Marrickville (Sydney); Brazil, Sao Paulo; South Africa, Springs. Representatives Throughout the World.

LINK-BELT chain drives

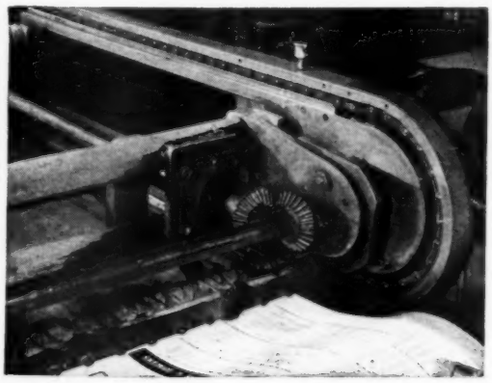
Roller Chain

with extra dynamic strength gives added wear-life to auxiliary press drives

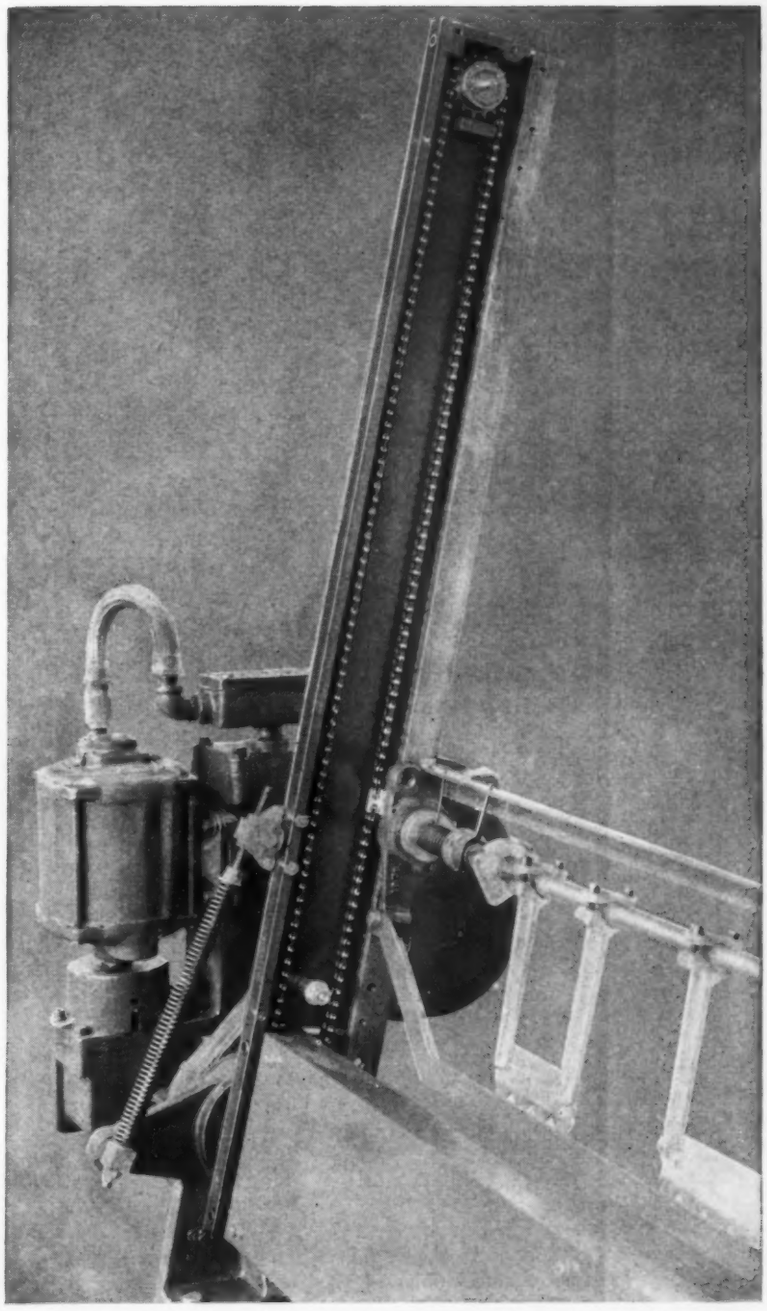
Manufacturing "extras" give Link-Belt roller chain exceptional resistance to operational stresses. The result—fewer replacements, lower cost. These extras contribute to *greater* dynamic strength: (1) Rollers are shot-peened to withstand impact and fatigue . . . (2) Close heat treat control and rigid testing insure uniformity . . . (3) Pre-stressing provides uniform load distribution. For full facts, ask your nearby Link-Belt office for Book 2457.



REGISTER CONTROL EQUIPMENT maintains accuracy with this Link-Belt roller chain drive.



PRINTED SHEETS are smoothly transferred from printing cylinders with Link-Belt chain.

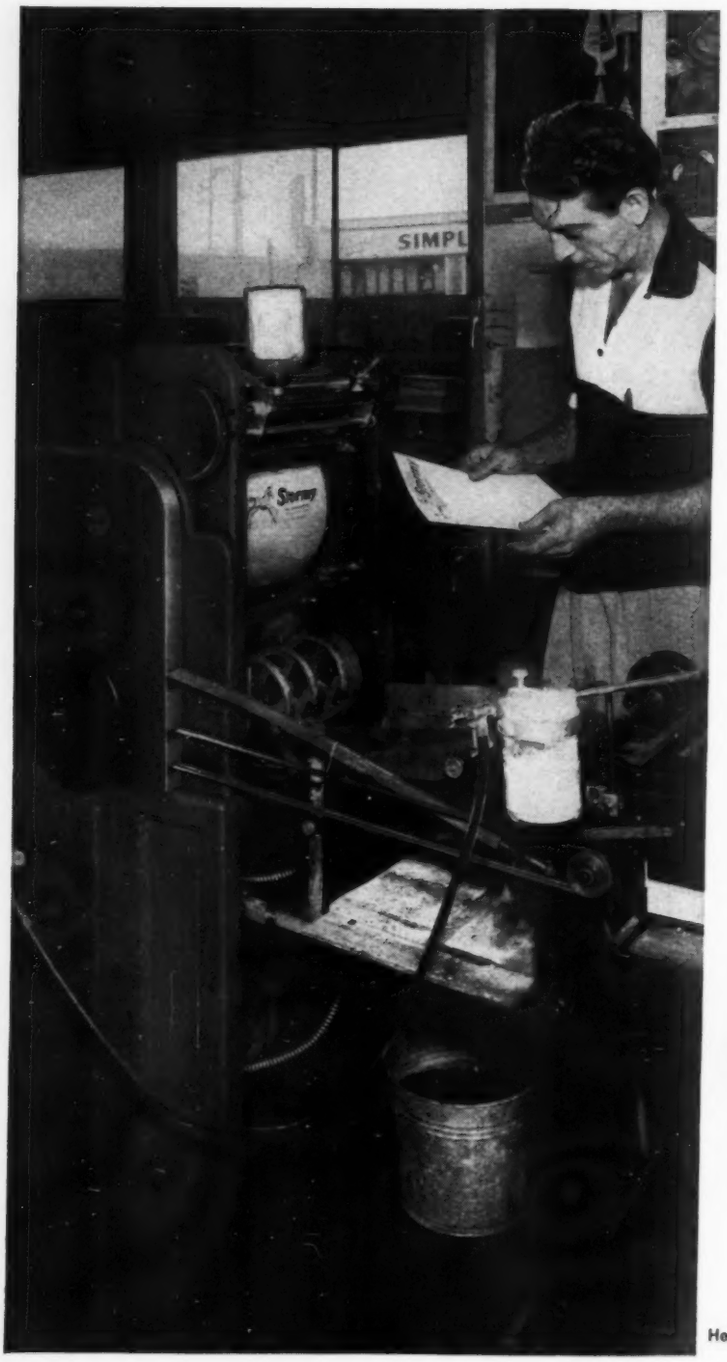


SHEET CUT-OFF DEVICE for automatic paster uses Link-Belt roller chain for raising spring-loaded knives into position for cutting web of expiring roll of paper immediately after splice is made.

OTHER LINK-BELT PRODUCTS INCLUDE: P.I.V. Variable Speed Drives . . . Enclosed In-line, Parallel shaft and Worm Gear Drives . . . Gearmotors and Motogears . . . Self-Aligning Ball and Roller Bearing Pillow Blocks, Flange, Flange-Cartridge, Cartridge and Take-Up Units . . . Self-Aligning Single- and Double-Row Radial-Thrust Bearings . . . Chains for Conveying and Elevating . . . Conveyors of various types—industry's most complete line—one source—one responsibility. Catalogs sent upon request.

For More Information Circle 105 on Reader Service Card

WHY COSTELLO BROTHERS OF LOS ANGELES CHOSE THE DAVIDSON DUAL-LITH



JOE COSTELLO SAYS:

"We make no distinction between our Davidson and our larger press, which cost five times as much"

The Costello Brothers of Los Angeles, California, started out in business with the desire never to compromise on quality. Today they're a leading quality color house. The unique Davidson Dual-Lith Model 251 has played an important part in their growth. "J.C." says that it is often possible to make the plates and run the job on the Davidson for less than the plates alone on a larger size press. The Dual-Lith handles everything: color proofs, imprints, form letters, circulars, catalog inserts, labels, etc.

Whether you're getting started with a small offset press or cutting costs on small runs, you'll find just the versatile Dual-Lith that fits your needs.

Send for the "Question and Answer" Booklet. Write to the Davidson Corporation, 29 Ryerson Street, Brooklyn 5, New York.

Davidson

DAVIDSON DUAL-LITH

A SUBSIDIARY OF MERGENTHALER LINOTYPE COMPANY

Headings in Protype • Text in Linotype

For More Information Circle 207 on Reader Service Card

PAST IMPERIAL ACHIEVEMENTS

We're no relation to the boys of ancient Imperial Rome, but we do believe a company like a man is judged by achievements. Since 1912 Imperial Type Metal has had many firsts in graphic arts metals—first to explain to type metal users the metallurgical facts about type metal—first to offer chemical analysis without charge—first with a dross drum—first with a Plus Plan and a Service Plan, the last two for positive type metal control. We predict more Imperial accomplishments in the years to come. That's why it's important to Imperialize your plant now to achieve the last word in type metal performance.

you get *EXTRA ADVANTAGES* with Imperial

IMPERIAL TYPE METAL CO.

Chicago 50 • New York 7 • Philadelphia 34

For More Information Circle 93 on Reader Service Card

BUSINESS OPPORTUNITIES

MAKE LOTS OF MONEY

with these terrific producers! These are the presses that lithographers throughout the world swear by—not at!

WANTED:

Wide awake graphic artsmen—printers and lithographers—who can recognize top quality, precision register, terrific speed, economical operation. Royal Zenith Presses want to go to work making money for you starting RIGHT NOW!

PRESSMEN WANTED... TO LIVE THE LIFE OF "RILEY"!

Royal Zenith Presses are the easiest to operate, simplest to understand, biggest producers with the least downtime! References: scores of plants throughout the United States and Canada!

OPPORTUNITY ONLY KNOCKS ONCE?

Don't you believe it! We're knocking on your door from now on—with the BIGGEST OPPORTUNITY FOR PROFITABLE PRODUCTION the graphic arts has ever known. . . . Royal Zenith Presses!

WANTED:

Printing plants that are suffering from NO-PROFIT-ITIS! We guarantee immediate cure . . . install Royal Zenith Presses and watch the red turn black while the profits roll in!

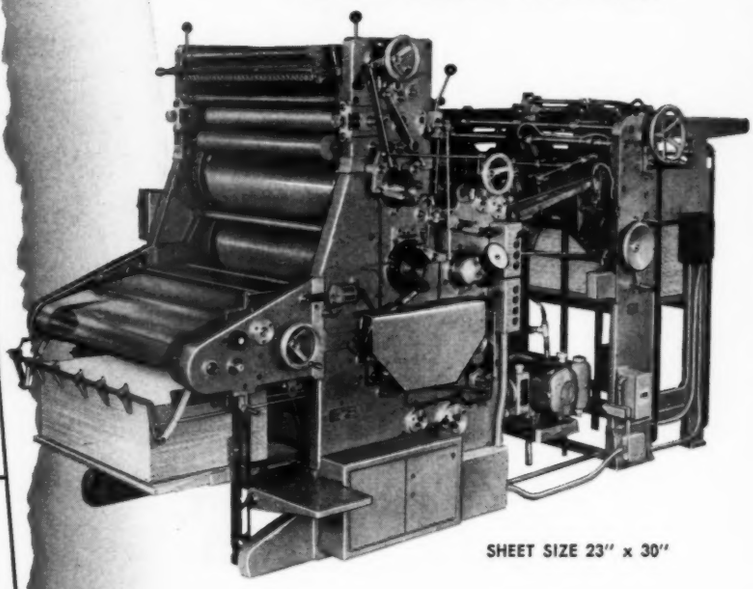
GET FAST GETAWAY

and highest speeds with Royal Zenith

Call or write Dept. PP for complete details and name of nearest distributor.

Royal Zenith 30

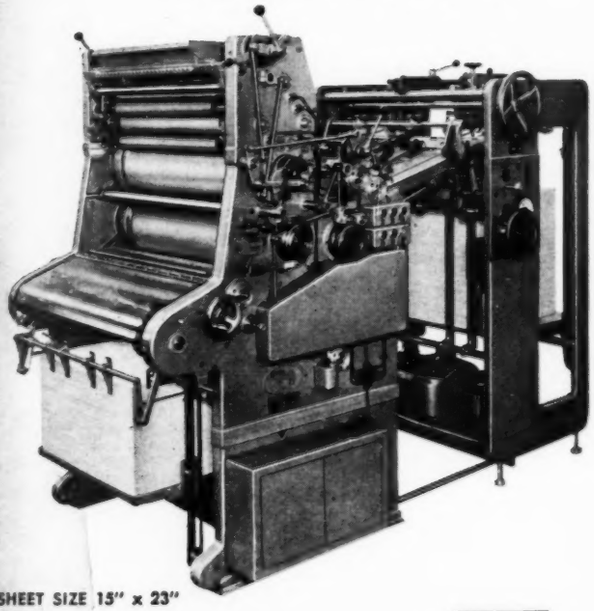
SINGLE COLOR OFFSET PRESS



SHEET SIZE 23" x 30"

Royal Zenith 23

SINGLE COLOR OFFSET PRESS



SHEET SIZE 15" x 23"

SERVICE

Factory-trained mechanics available anywhere in U. S. or Canada for 24-hour service on parts and maintenance.

Royal Zenith Corporation

WORLD'S FINEST LITHOGRAPHIC PRESSES

180 VARICK STREET · NEW YORK 14, N. Y. · ORegon 5-0200

For More Information Circle 154 on Reader Service Card

To make the most of fine presses... Equip them with MERCURY PRODUCTS

A fine shop and skilled craftsmen *deserve* the finest accessories. That means Mercury products! Precision built in one of the best equipped plants of its kind in the world, and quality-controlled by the most elaborate laboratory testing facilities, Mercury rollers and blankets have set the pace for quality for over 30 years. Always specify Mercury.

MERCURY LITHOGRAPHIC ROLLERS

MERCURY TYPOGRAPHIC ROLLERS

RAPID COMPOSITION ROLLERS

MERCURY SPECIALIZED ROLLERS
FOR TIN LITHOGRAPHY AND OTHER SPECIFIED REQUIREMENTS

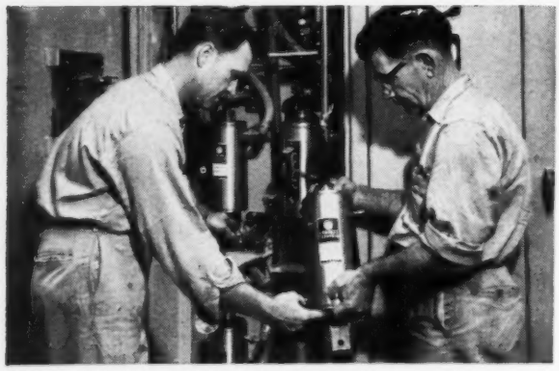
RAPID ROLLER COMPANY

MAIN OFFICE AND FACTORY: FEDERAL AT 26th STREET • CHICAGO 16, ILL.
EASTERN SALES OFFICE: 218-224 ELIZABETH AVENUE • NEWARK 8, N. J.

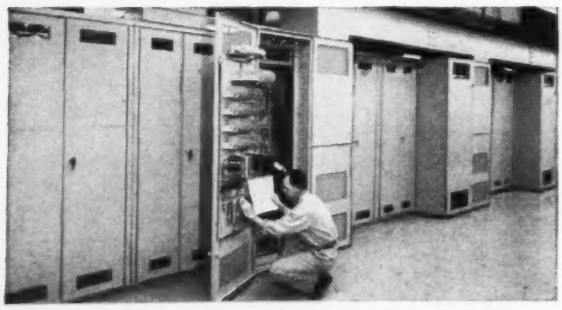
For More Information Circle 148 on Reader Service Card

COMPACT, UNITIZED CONSTRUCTION of G-E low-voltage draw-out switchgear efficiently operates with minimum of maintenance. Dry-type transformer is conveniently wall-mounted above lighting panel.

GENERAL ELECTRIC PRESS DRIVE control panels include: selector, magnetic and rectifier panels. G-E switchgear, with air circuit breakers, provides safer power distribution.

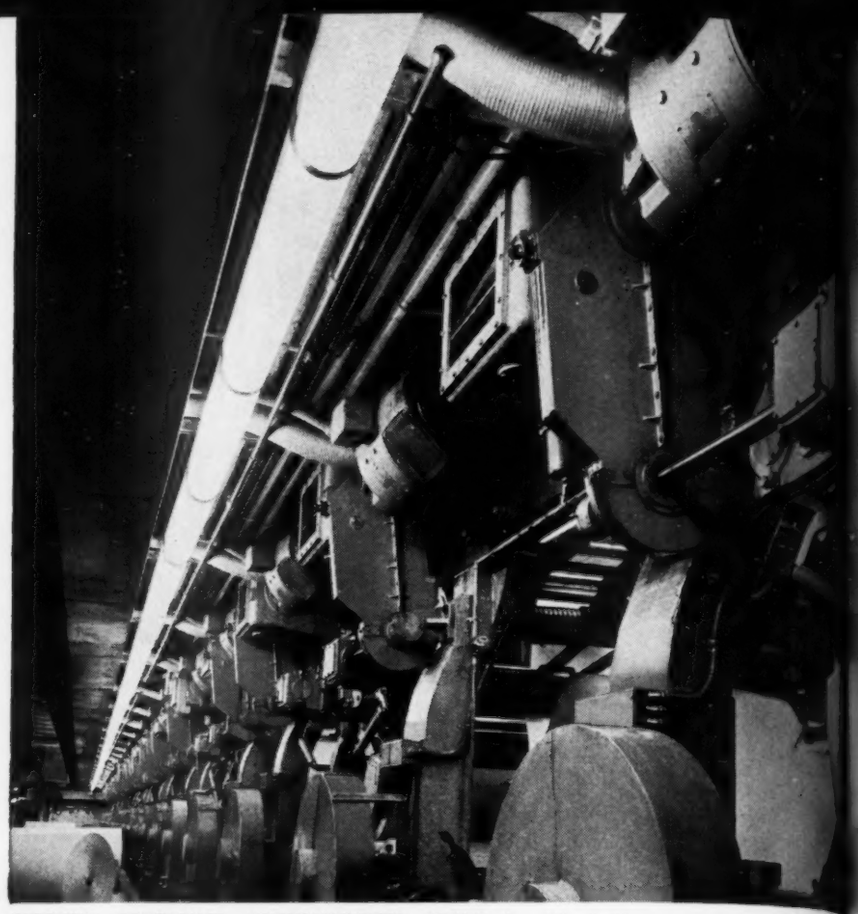


FULLY ENCLOSED cabinet containing ignitron rectifier tubes is examined by F. L. Gaussiran, chief electrician (left) and J. P. McKenna, electrician. Highly dependable units require only periodic inspection.



RECTIFIER FIRING circuits and tubes conveniently housed in rectifier compartment are easily accessible for inspection. Fully enclosed bus duct is top-mounted.

FAST RESPONSE auxiliary press control is line-of-sight mounted on a new Hoe press. Location of control facilitates press operation, reduces operator fatigue.



PRECISELY CONTROLLED ADJUSTABLE-SPEED POWER for *Miami News* main presses available from 24 General Electric 40-hp DC Drive Motors.

MIAMI NEWS SELECTS G-E DRIVES FOR . . .

Proved Reliability, Flexibility, Performance

Miami News gears for expanding circulation with a modern plant featuring G-E electronic d-c drives on 21-unit—3-folder Hoe presses

Modern in every respect—from its attractive exterior to efficient G-E drives—the new *Miami News* facilities represent one of the finest newspaper plants in the nation.

Complete coordination of the electrical system, including drives, switchgear and high-voltage G-E lighting was furnished by a team of G-E engineers familiar with the particular problems and interests of the *News* and the newspaper industry, and factory engineers skilled in the design and application of printing press drives.

With this installation, the *Miami News* joins more than seventy other major metropolitan newspapers who have selected G-E electronic d-c drive systems to provide production reliability, operating flexibility, ease of maintenance and over-all high performance on approximately 200 high-speed metropolitan presses.

For further information on system-engineered press drives—DC Electronic Unit Drives (Bulletin GEA-5523) for high-speed metropolitan presses, and the new Inductrol® DC Group Drive (Bulletin GEA-6763) for smaller presses—contact your local G-E Apparatus Sales Office or write to General Electric Company, Section 653-47, Schenectady, N. Y.

Engineered Electrical Systems for Newspaper Plants

GENERAL ELECTRIC

For More Information Circle 68 on Reader Service Card

WOOD MASTER FLONGS* SAVE YOU MONEY...

With no major change in existing equipment, you can *cut production costs,* improve the quality of your printing, and gain in increased, more flexible production.

That's the actual experience of leading daily newspapers across the country who are now using MASTER FLONGS at the rate of three-quarters of a million per year.

Time is money, *especially* on a daily newspaper. Act *now* to learn how time-saving MASTER FLONGS can reduce your costs. Contact us and we will have our nearest representative call on you.

WOOD FLONG CORPORATION
HOOSICK FALLS, NEW YORK
New York Office: 551 Fifth Ave. Phone MU 7-2950

WOOD FLONG

*NO-PACK MATS

SERVING THE GRAPHIC ARTS INDUSTRY EXCLUSIVELY SINCE 1911

For More Information Circle 189 on Reader Service Card

Lake Erie

DIRECTOMAT

for direct pressure stereotype mat molding... for commercial, syndicate, daily newspaper and R. O. P. color work.

(above)

800 TON DIRECTOMAT

Recent installations or orders include Butler (Pa.) Eagle, Precision Electrotype Company, Wood Ad-Mat and Plate Service, Rochester Times Union, Buffalo Evening News, Orlando Sentinel Star, Rapid Electrotype Co. More than 300 Directomats already serve leading newspapers and commercial plants.

(left)

1000 TON HEAVY DUTY DIRECTOMAT

used by Rapid Grip & Batten Ltd., Toronto, The Milwaukee Journal (2), Chicago Tribune, Denver Post, Detroit News, Honolulu Star Bulletin, Seattle Times, Chicago Sun Times.

The people who use it prove it:

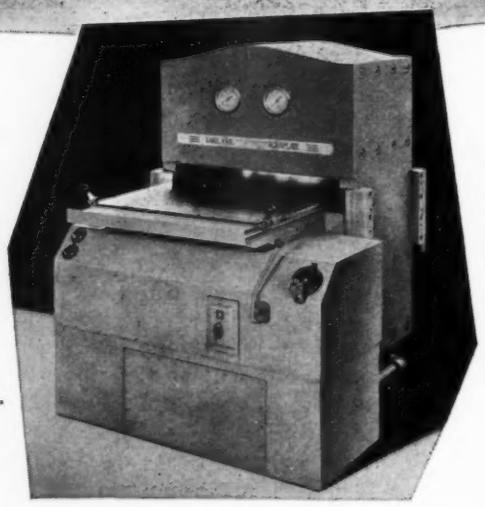
Lake Erie is the best equipment for

DUPLICATE LETTERPRESS PLATE MOLDING

Lake Erie

ACRAPLATE

for rubber and plastic plate molding... five models from 115 to 550 tons with platen sizes from 17" x 22" to 36" x 44".



270 TON ACRAPLATE

Three companies have more than 20 ACRAPLATES in service. Five more each have from 10 to 20. Over eighty companies have two or more ACRAPLATES. In all, over 750 ACRAPLATES have been sold.

LAKE ERIE
HYDRAULIC
PRESSES

WRITE FOR *DIRECTOMAT Bulletin 349... ACRAPLATE Bulletin 24.1*

LAKE ERIE MACHINERY CORPORATION

Successor to LAKE ERIE ENGINEERING CORPORATION

508 Woodward Avenue, Buffalo 17, New York

Manufacturers of the Most Complete Line of Hydraulic Presses for All Industry

LAKE ERIE® DIRECTOMAT® ACRAPLATE®

For More Information Circle 100 on Reader Service Card

Photomechanical Equipment by

LANSTON

FOR LARGE OR SMALL SHOPS . . . MEETS EVERY PLATEMAKING REQUIREMENT

The prerequisite to good printing is good plates, and, if your photomechanical department is all-Lanston-equipped, you have met this all important requirement.

This complete line of top quality plate making equipment includes everything from precision cameras to plate whirlers in a wide variety of sizes and styles.

All Lanston products carry a full service warranty backed by a guarantee of quality and performance. This double guarantee means that Lanston or your dealer will render service at all times.

For complete information write today.

LANSTON CAMERAMA

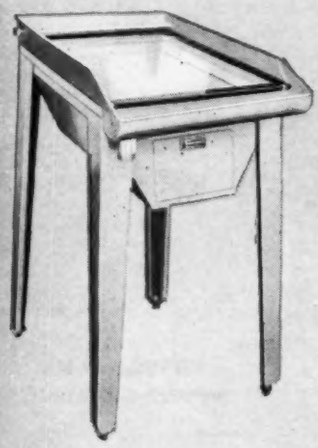
Economical, speedy and accurate. Compact, rugged aluminum and steel construction and easy to operate. Ground glass in swinging frame, all metal, manifold operated vacuum film holder, complete darkroom operation, available in two sizes 18 x 22″ and 24 x 24″, glass covered, pressure-type or vacuum type copy boards.

MAGNASTEP STEP AND REPEAT MACHINE

A new, rugged aluminum and steel vacuum printing frame—equipped with a step and repeat attachment—to speed up the production of press plates up to 32 x 41″. Economical, accurate placing of image on plate without costly masking and registration. Controls conveniently located. Magnastep can also be used for multi-color production.

TEMPERATURE CONTROLLED DARKROOM SINKS

Extra heavy stainless steel construction. Constant temperature is maintained at all times. All fittings are acid resistant. Can be equipped with extra accessories such as Side Arm Washing Tray, Negative Viewer and Dump Trough at slight extra cost. Comes in 4 sizes from 20 x 24″ to 40 x 48″. Also see Lanston for regular stainless steel darkroom and developing sinks.



HOT ETCHING TABLES . . .

Available in two convenient sizes 22 x 26″ and 26 x 32″. Opal glass recessed 3″ below ¼″ polished plate glass working surface assures proper light diffusion. Heavy gauge steel construction.

VACUUM PRINTING FRAMES . . .

Whether it's pedestal, cabinet, tubular, wall or bench type, there's a Lanston Vacuum Printing Frame for your shop. Built for long service, each type is available in a variety of sizes to suit your particular needs.

LAYOUT AND STRIPPING TABLE . . .

Sturdily built from heavy gauge steel. Slanted light compartment assures proper light intensity with a minimum operator fatigue. Available in six sizes from 24 x 40″ to 60 x 80″ to suit your needs.

This Certificate of Franchise is your guarantee of satisfaction. See your nearest Lanston Distributor.

LANSTON MONOTYPE COMPANY

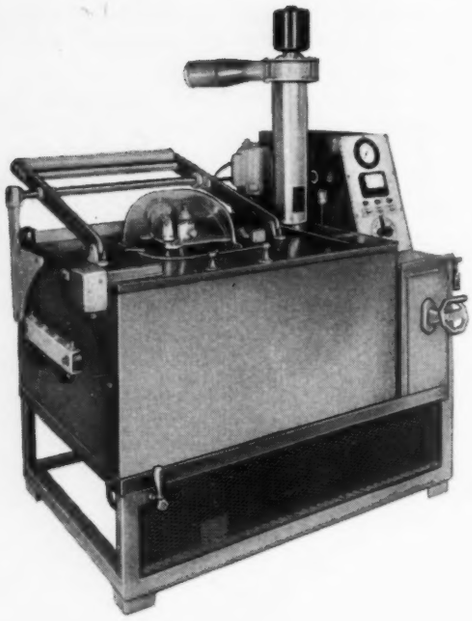
A DIVISION OF LANSTON INDUSTRIES INCORPORATED

24th & Locust Streets • Philadelphia 1, Pa.

BRANCHES: Atlanta • Chicago • New York • Philadelphia

Type Set in Monotype Century Series and 20th Century Series

For More Information Circle 102 on Reader Service Card

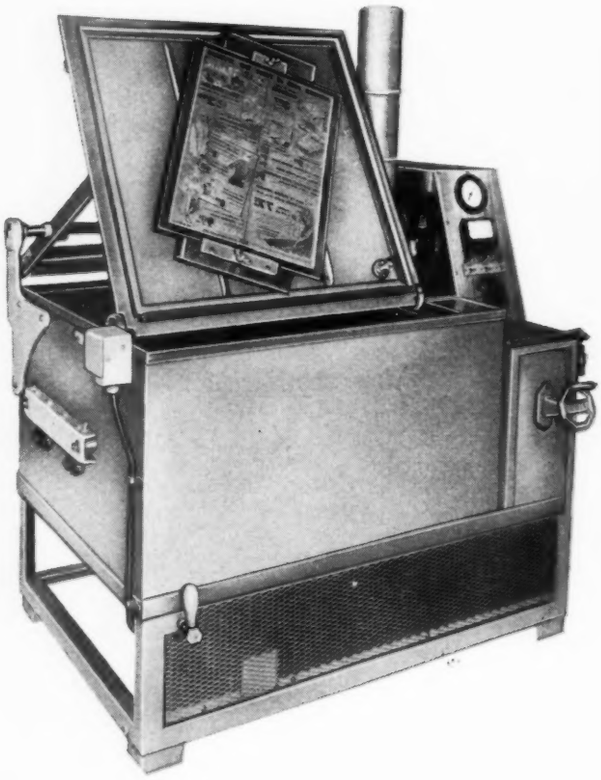


MASTER

POWDERLESS ETCHER

MODEL M-32

MAXIMUM PLATE SIZE 20" x 24"



A FEW OF THE OUTSTANDING FEATURES ARE . . .

★ **TWO COMPLETE PADDLE ASSEMBLIES** for uniform quality

★ **AUTOMATIC CONTROLS**

★ **SMALLER BATH VOLUME** 20 gallons

This machine is intended where production is not large enough to warrant one of our larger bath volume machines, or where it would be advantageous to operate a number of small bath volume machines.

For complete information write Master Sales & Service Corp., Wyncote, Pa.

PRICE $4500
INCLUDING CRATING

ALSO DOW-MASTER POWDERLESS ETCHERS

DM-24 MAXIMUM PLATE SIZE 15" x 18"

DM-35 MAXIMUM PLATE SIZE 22" x 28"

DM-48 MAXIMUM PLATE SIZE 24" x 40"

MASTER SALES & SERVICE CORP. WYNCOTE, PA.

For More Information Circle 252 on Reader Service Card

THE *Master* ETCHER

FOR THE *Dow* POWDERLESS ETCHING PROCESS

ALSO DOW-MASTER POWDERLESS ETCHERS

DM-24 MAXIMUM PLATE SIZE 15" x 18"

DM-35 MAXIMUM PLATE SIZE 22" x 28"

DM-48 MAXIMUM PLATE SIZE 24" x 40"

Master ETCHING MACHINE CO., WYNCOTE, PA.

For More Information Circle 113 on Reader Service Card

SOURCES *of Certified Mats and* INFORMATION

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Cleveland Heights 18, Ohio

E. J. Cook, Jr.
46 Belvidere Street
Springfield 8, Mass.

F. A. Donnelly, Jr.
Certified Dry Mat Corporation
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New York 17, N. Y.

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***On temporary leave of absence due to health.**

***or write the Certified* HOME OFFICE**

When the talk gets around to COLOR,

. . . as it always does wherever newspaper craftsmen meet—

Somebody is bound to remark about the big boost to quality color renderings that has come with Certified's ROP Blue Ribbon CC Mat. Hearers chime in to praise—

The way it cuts out a step in full page reproduction, going directly into the newspaper casting box—

The way it stands up under repeated casts.

How it holds its register . . its clarity and excellent detail . . qualities in keeping with the Certified name.

There are five types of Blue Ribbon Mat, each serving best in its place, each manifesting the Certified standards—known for dependable speed and excellence.

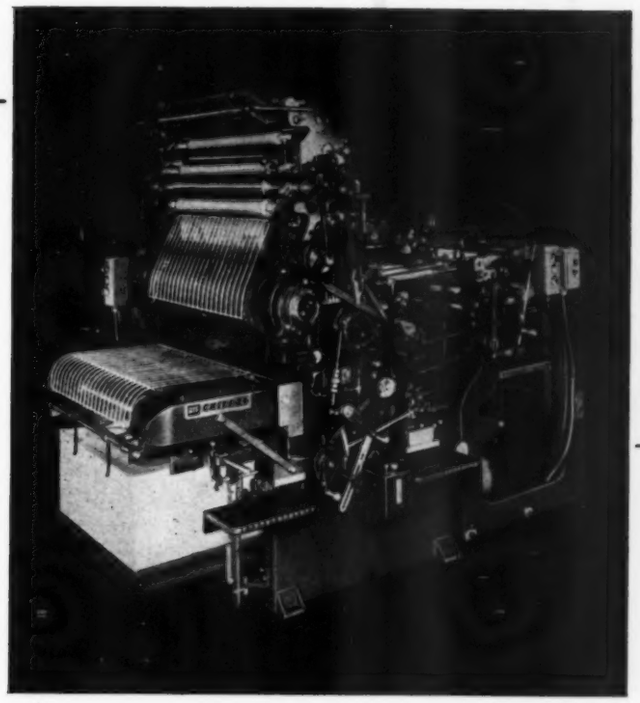
CERTIFIED DRY MAT CORPORATION

9 Rockefeller Plaza Dept. M New York 20, N. Y.

For dependable stereotyping, rely on Certified Dry Mats.

Certified DRY MATS

For More Information Circle 36 on Reader Service Card



What! Use a Chief 29 as a PROOF PRESS?

Yes! Changeovers are so fast and printing quality so high on the ATF Chief 29 that many printers use it as the proof press for color jobs run on larger equipment. They know it will give them the best possible printing the plate can turn out—for proofs or during production runs.

Speedy changeovers on the Chief 29 result from such features as: the double-loading feeder, which is set up without tools; register adjustments made while running; ink and dampener rollers which can be removed and replaced without losing settings; and the quoin-style quick lock-up clamp for fast plate changes.

Top printing quality is assured by the nineteen roller inking system with dynamically balanced form rollers; an improved dampening system which provides even distribution of the minimum amount of moisture; the simplified three-point register system; and the compact, solid construction of the press.

For higher speeds and longer runs, an ATF Super Chief is the press. Its feeder can be set for either sheet or stream feeding. It handles stock up to .030"; features pull side guides with double register wheels, and a sheet blow-down for delivering sheets at speeds up to 7000 impressions per hour.

And don't overlook the other members of the ATF Chief offset press family. You'll find them at work in all types of plants, turning out top quality jobs.

ATF CHIEF 15—a small offset press with design features usually found only in larger presses. Maximum sheet size 11" x 15".

ATF CHIEF 20—ideal for "run of the hook" jobs in general commercial printing. Maximum sheet size 14" x 20".

ATF CHIEF 22—printing area large enough for 8½" x 11" jobs four up. Maximum sheet size 17½" x 22½".

ATF CHIEF 24—handles work up to 9" x 12" four up. Maximum sheet size 17¾" x 24½".

American Type Founders
200 Elmora Avenue, Elizabeth, New Jersey

Better, more profitable printing... from the most complete line of equipment.

For More Information Circle 11 on Reader Service Card

Considering NO PACK mats?

BURGESS NO-PAC

(one piece)

MAT

Newspapers are now using them every day for 100% of their production! Let us demonstrate what can be done!

A Laboratory Product
BURGESS Chrome MATS

BURGESS CELLULOSE COMPANY

Manufacturers and Distributors of Burgess Chrome and Supreme Tone-Tex Mats, Freeport, Illinois

Canadian Representative, R. M. Louson & Co., Ltd., Kennedy Road, Agincourt, Ontario

For More Information Circle 26 on Reader Service Card

...and here's the MAGNACRAFT line!

HIGH SPEED PERIODICAL TIP-ON, WRAPPING AND LABELING MACHINES

SR-1 TIPPING MACHINE

Applies tip-ons at speeds up to 7,000 per hour. Only one operator needed. Dead-on accuracy always. Handles tip-ons up to 12"x18". Also available in a 3-pocket model that tips to both sides of signature in one operation.

PERFECT REGISTRATION

POSITIVE FEED

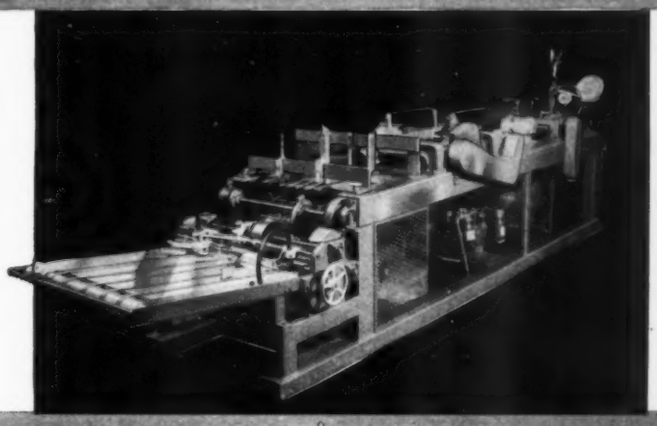
TIP-ONS 12"x18"

SIMPLE ADJUSTMENTS

ONLY ONE OPERATOR

MODEL E WRAPPING MACHINE

Wraps and/or labels magazines (Flat-wrap, Fold-wrap or Band-wrap) at high speed, uniformly tight and neat with label accurately placed. Will label single sheets; or wrapped or unwrapped magazines up to 1¼" thickness. Compact (12'x3') . . . easy to set up and operate. Larger, faster models available.



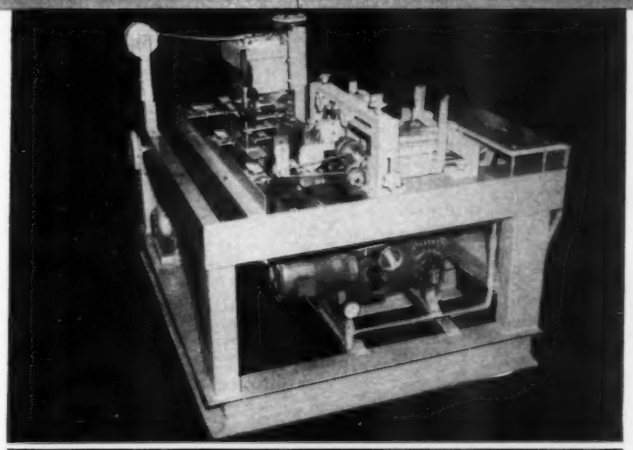
FLAT-WRAP

FOLD-WRAP

BAND-WRAP

ROTARY LABELING MACHINE

An extra-high speed, high production rotary cross feed labeling unit. Capable of top-precision performance at speeds up to 18,000 per hour. Equipped with dual-purpose labeling heads for handling either or both electronic and standard strips. Also available with straight feed; or with both cross and straight feeds.



HIGH SPEED

PERFECT LABEL ALIGNMENT

•

ASK US for details on any or all of these cost-cutting units. No obligation. Write today.

T.W.&C.B. SHERIDAN CO.

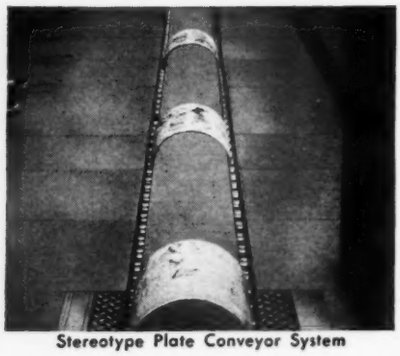
SINCE 1835

Branch Offices

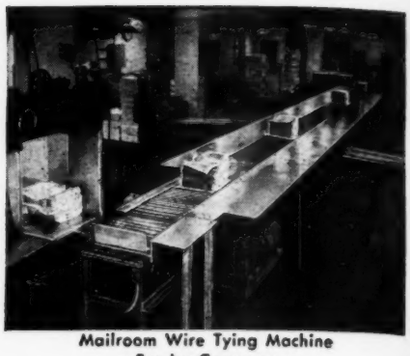
For More Information Circle 109 on Reader Service Card

Got a handling Problem?

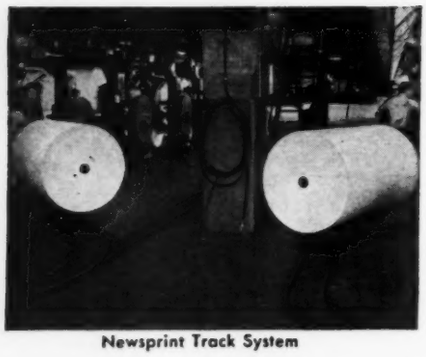
Newsprint Conveyor



Stereotype Plate Conveyor System



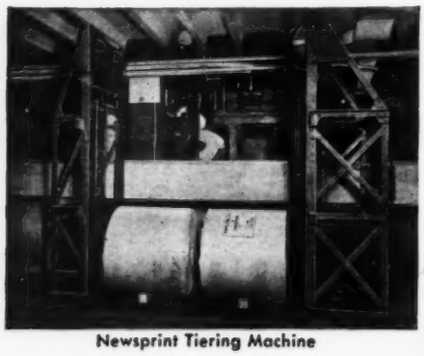
Mailroom Wire Tying Machine Feeder Conveyor



Newsprint Track System

● There is no one stock answer to every handling problem imposed by modern newspaper plant operation. That is why JAMPOL, with more than 30 years specialized experience in servicing this important field, can be of such practical value in designing the handling system and equipment that will increase your plant's efficiency . . . make substantial savings in your operational costs . . . and reduce production delays to a minimum.

Milwaukee Journal Pusher Mechanism



Newsprint Tiering Machine

We will be glad to discuss the application of **JAMPOL METHODS & EQUIPMENT** to your problem.

Non-slip Press Floor

Telescopic Truck Loaders

- Stereotype Plate Pneumatic Drops
- Stereotype Plate Electric Elevators
- Stereotype Plate Pressroom Conveyors
- Newsprint Chutes
- Newsprint Elevators
- Newsprint Pneumatic Drops
- Newsprint Conveyors
- Newsprint Track Systems
- Newsprint Transfer Tables
- Newsprint Dollies
- Mailroom Loose Stack Conveyors
- Mailroom Bundle Conveyors
- Mailroom Tables
- Mailroom Bundle Spiral Chutes
- Mailroom Wire Tying Machine Feeder Conveyors
- Mailroom Pushers (Milwaukee Journal Feeder Mechanism)
- Telescopic Truck Loaders
- Press Floors
- Composing Room Copy Conveyors
- Composing Room Mat & Cut Conveyors
- Proof Room Copy Conveyors

the Jampol Company, inc.

GENERAL OFFICE AND FACTORY: 728 — 61st STREET • BROOKLYN 20, NEW YORK

For More Information Circle 192 on Reader Service Card

The plus of a Hoe press:

CONTINUOUS LEADERSHIP IN RESEARCH AND ENGINEERING

Hoe engineers design the world's finest presses, but they are *still* not satisfied. They use advanced electronic techniques and apply them to improving pressroom accuracies and economies. With electronic eyes they see what is happening deep within the speeding metal parts of presses . . . determine limits of endurance . . . probe for better performance.

Here two Hoe engineers are using an oscilloscope integrating related press data . . . and picturing it for on-the-spot evaluation. They work in Hoe's modern laboratory where printing phenomena are continuously investigated.

Imaginative research and engineering is typical of Hoe. For you it means an extra measure of value when you use Hoe equipment. Because Hoe engineers recognize no printing frontiers *. . . it will pay you to get in touch with Hoe.*

R. HOE & CO., INC.

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For More Information Circle 87 on Reader Service Card

Regular Matrix Contrast Service for linecasting machine matrices is helping reduce operator eyestrain and errors in original composition in composing rooms throughout the country. Equally important are our *colored* reference marks for matrices to distinguish between type fonts, help identify pi matrices and prevent mixture of fonts.

With Matrix Contrast *colored* reference marks, W.F. "typos" can be detected in the original line before casting, preventing the original error and possible errors during correction, and saving much wasted time and effort in handling.

Write today for complete information on the savings in production time and expense that are yours when you start using Matrix Contrast black-and-white and color-coded reference marks.

MATRIX CONTRAST SERVICE

MATRIX CONTRAST CORPORATION

154 WEST 14th STREET, NEW YORK 11, N. Y.
326 W. MADISON STREET, CHICAGO 6, ILL.
1105 TRENTON STREET, LOS ANGELES 15, CALIF.

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For More Information Circle 114 on Reader Service Card

PRINTING PRODUCTION

DECEMBER 1958

Electronics Simplifies Accounting for

PRODUCTION TIME

By ROBERT LEVISON

General Manager,
Michigan Typesetting Co.,
Detroit.

THE ever increasing complexity of the typographic business, plus the year to year business growth of Michigan Typesetting Co., created accounting problems which definitely needed correcting.

The floor space in our plant is over 40,000 sq. ft. We employ 230 people and operate 24 hrs. a day. Being one of the largest typesetting plants in the country, our jobs are naturally varied. National and local advertising, direct mail pieces, booklets, brochures, catalogs, manuals, forms, labels and prospectuses are some of the jobs we do daily.

In past years we have changed cost accounting methods several times. However, as our organization continued to grow, we found that any manual system we could devise took too much time. Generally speaking, the information was received too late to be of value. Also, any system of hand posting and extending invariably was found to be full of inaccuracies.

With the present billing and cost accounting methods offered by a number of companies, we found our only alternative was to convert our present system to automatic accounting machinery. With this decision we have installed a modern cost accounting system for our typographic plant. After a period of many months of planning and consideration we found that the IBM punch card equipment was advantageous for our problems.

Fast Production Information

We now have more accurate information, faster, such as:

(1.) By 10 a.m. each day, we

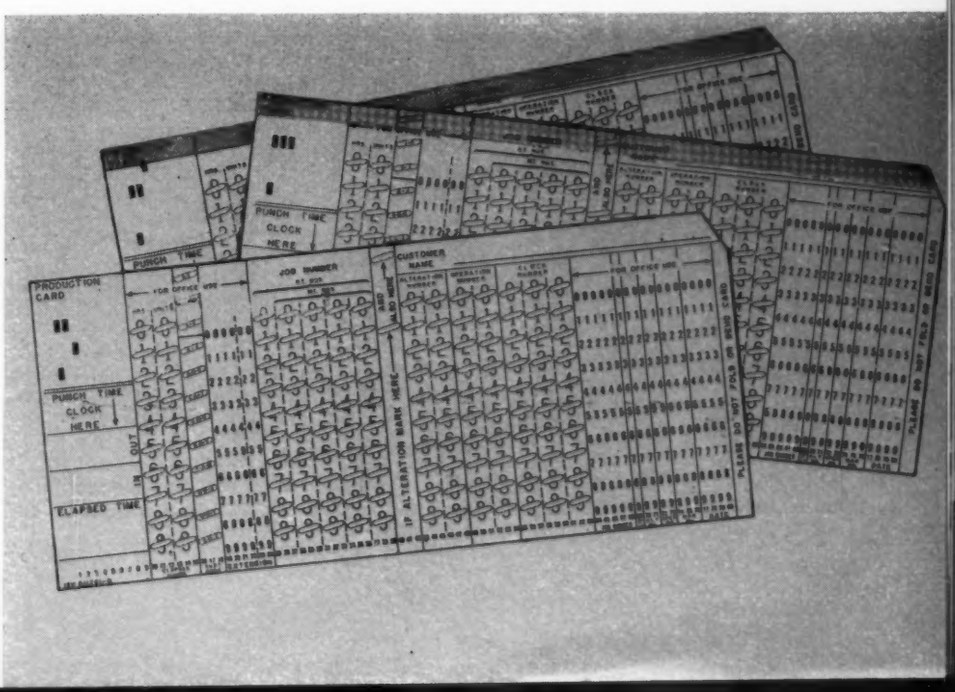


Fig. 1.—Daily Production Card. The lower card in this group is used for regular or straight time recording by the employee during regular working hours. Card immediately above which carries transparent red band, is used for recording hours worked at time and a half. The upper card carries a transparent gray band at the top and is used for recording hours (or units) worked by the employee at double time rates on a given job.

To explain more specifically, if there is linecasting machine composition, some hand composition, as well as makeup time, each of the three men working on that particular job enters time spent on his type of work on separate cards.

A Production Card is filled in by each employee working on a given job. The customer's name is written in the blank space; the job number, operation number, as well as the clock number are indicated by the employee who marks in the little oval spaces with a special pencil.

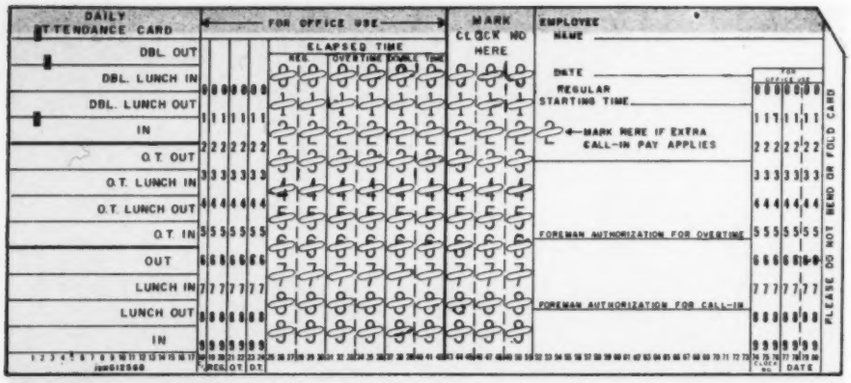


Fig. 2.—This is miniature reproduction of Daily Attendance Card, which is part of IBM Accounting System in plant of Michigan Typesetting Co., Detroit. At the top is a blue band printed in transparent ink for identification purposes only. For those not familiar with the IBM System, this card replaces the old style Time Card on which was carried not only the employee's name but also information about the various jobs he worked on during the day expressed in 6 min. units. Card measures 7⅜ in. by 3¼ in.

When starting work, the employee fills in the space with his name and number and punches "in" on an electric time clock.

For regular time worked on specific jobs during the day, the employee fills in the Production Card shown at lower position in Fig. 1.

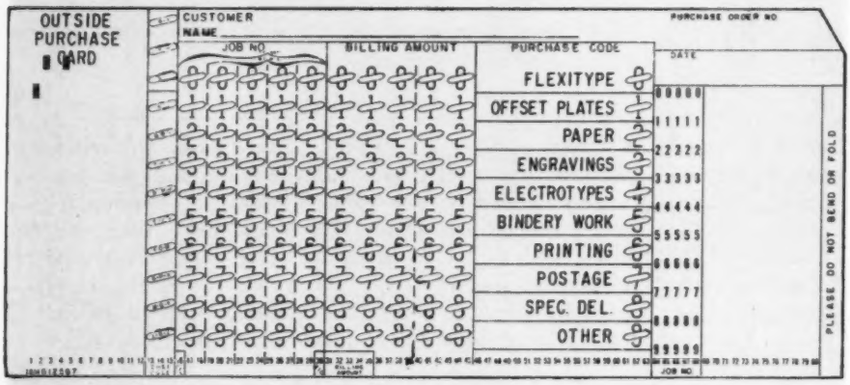


Fig. 3.—This is reproduction of Outside Purchase Card used with IBM Accounting System. Any items necessary to complete the job but which are not produced in the plant of the Michigan Typesetting Co., are entered on this card. Use of the card is self-explanatory.

The typographic compositor, like the commercial printer, is cost conscious. In modern business practice, especially in typographic reproduction, the older production accounting methods are slow. Here is a fast method adapted especially to the composing room.

have a report of the chargeable hours and production for the preceding day and night in each department in the plant. If production is off in any department, we immediately review the report with the department supervisor. It is easy to remember what went on the day before.

(2.) We have a summary each day of the time reported by each individual in the plant. We recover many hours that otherwise would be lost.

(3.) We have an accurate cost summary on every job produced. The hour extensions and additions are accurate and it assures our customers of the most accurate labor hour charges that can be provided.

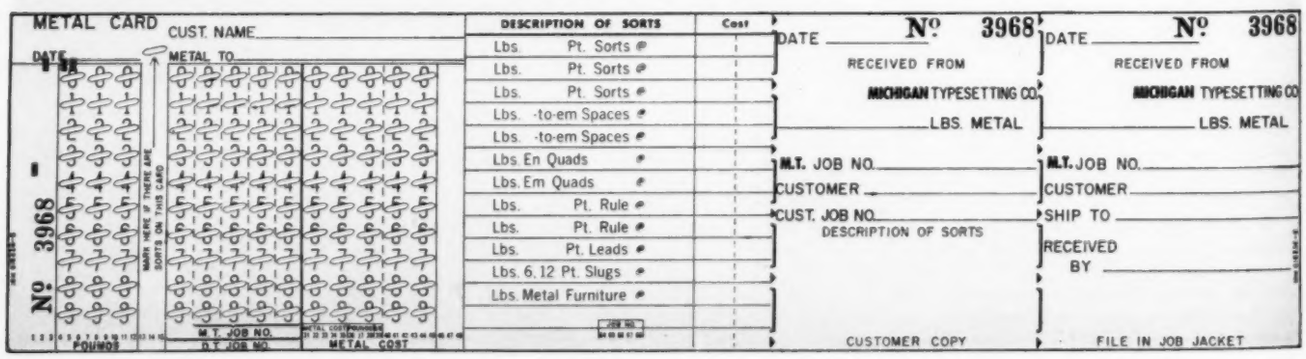
(4.) The punched cards can be sorted and summarized to provide any information we want.

(5.) Our department supervisors have become better managers because of the accurate production reports they receive. They have become cost conscious and we have found a definite increase in production, at lower costs, in each department since installation of these procedures.

(6.) We also needed a much faster billing operation because of the large volume of work which we do and because most of the billing is done in the last week of the month.

(7.) The work-in-process at the end of every month now takes only a couple of hours compared to a couple of days previously. We can now get our monthly statement from our auditors a couple of days sooner.

Fig. 4.—Metal Card is one of six cards used in Michigan Typesetting Co.'s IBM Electronic Accounting System. Original card measures 12½ in. by 3¼ in. Left portion of card is same size as other cards used in the system. The two stubs are 2½ in. wide between perforations. The little diagonal ovals on the main portion of the card measure approx. ¼ in. wide by 1/16 in. When the metal is weighed previous to out-of-plant delivery, a special pencil is used to fill in the oval spaces which express in pounds the weight of the metal used in producing the job. The two tabs are self-explanatory—one for filing in the job jacket, the other is customer's receipt for the metal. The main part of the card is sent to the accounting office.



The cost of the equipment which we installed is costing less than we anticipated. After installation of the IBM equipment we find a completely new picture of our plant and accounting operations.

Some months ago we installed an IBM 402 Accounting Machine. Along with the accounting machine we have a 082 Card Sorter, 514 Reproducer and a 010 Key Punch.

Mark Sensing System

In our operation we use IBM Mark Sensing as the source of our information. Our results with IBM Mark Sensing has been overwhelmingly successful. A detailed description of the procedure for shop employees is as follows:

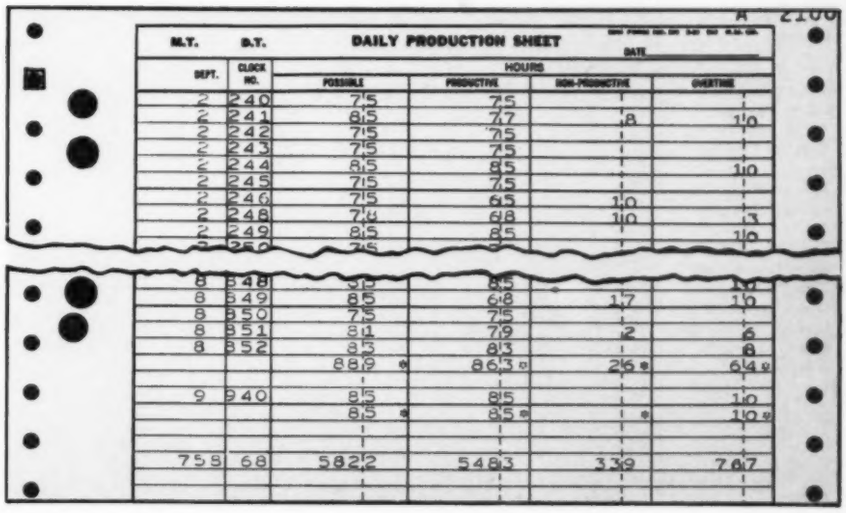
Daily Attendance Card

When reporting for work each day, each man in the plant secures a Daily Attendance Card (Fig. 2). This card replaces the old style time card with time expressed in 6 min. units. Each man writes his name and mark senses his man number in the proper spaces. Mark sensing is done with a high graphite content special pencil so each mark will definitely permit completion of a circuit as the marks pass under and contact three wire brushes in the IBM Reproducing Punch. The electrical impulse, which must travel through the mark from the outside brushes to the center brush, flows only at the instant the pencil mark in the outlined area is in contact with the brushes. Each employe's starting time, lunch time and finishing time are punched by a time clock in the plant.

Production Card

When starting a job each man fills in a Production Card (Fig. 1) for each job worked on during the day and also fills in a Production Card for all non-productive time during the day.

After a shift is complete (day and night) the Production Cards and the Attendance Cards are collected from time clock stations in the shop. We have 11 of these stations. The cards are now sent to the IBM department. Here we have a girl mark sense the elapsed time on each Production Card and also the Attendance Cards. After this is completed we mark sense punch the card on the 514 Reproducer. Now we have the necessary information punched in the cards to run all of our reports.



M.T.	D.T.	DAILY PRODUCTION SHEET			
DEPT.	CLOCK NO.	HOURS: POSSIBLE	PRODUCTIVE	NON-PRODUCTIVE	OVERTIME
2	240	7.5	7.5		
2	241	8.5	7.7	.8	1.0
2	242	7.5	7.5		
2	243	7.5	7.5		
2	244	8.5	8.5		1.0
2	245	7.5	7.5		
2	246	7.5	6.5	1.0	
2	248	7.8	6.8	1.0	.3
2	249	8.5	8.5		1.0
2	250	7.5	[illegible]		
8	848	9.0	8.5		1.0
8	849	8.5	6.8	1.7	1.0
8	850	7.5	7.5		
8	851	8.1	7.9	.2	.6
8	852	8.3	8.3		.8
		88.9 *	86.3 *	2.6 *	6.4 *
9	940	8.5	8.5		1.0
		8.5 *	8.5 *	*	1.0 *
758	68	582.2	548.3	33.9	76.7

Fig. 5.—Daily Production Sheet shown partially. Original measures 8½ in. by 17 in. Figures are illustrative only.

Daily Attendance Audit

(1.) The first report is the Daily Attendance Audit by which we balance all our Production Cards against each man's Attendance Card. We have found other purposes that we may use the Daily Attendance Audit for, because this report has a complete listing of all jobs worked on by each man.

Daily Production Report

(2.) Our second report is the Daily Production Report. The Production Report is a conventional report, a complete listing of total productive and non-productive hours for each man. Also we get a total productive and non-productive time for each department for each day. Our Production Report is available for the shop foreman and other people by 10 a.m., which is about 2 hrs. earlier than our old system.

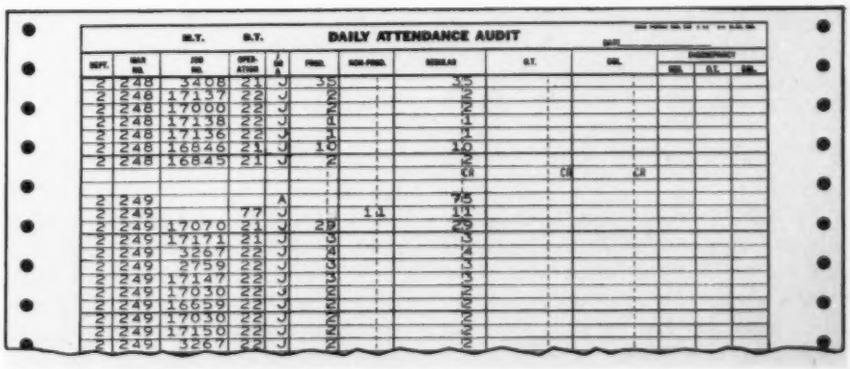
Departmental Report

(3.) Our third report is a Departmental Report. This report is run on separate departments to have a further breakdown of the work that men have performed. It shows non-productive time for each man, machine trouble time and spoiled work time.

Job Cost Record Report

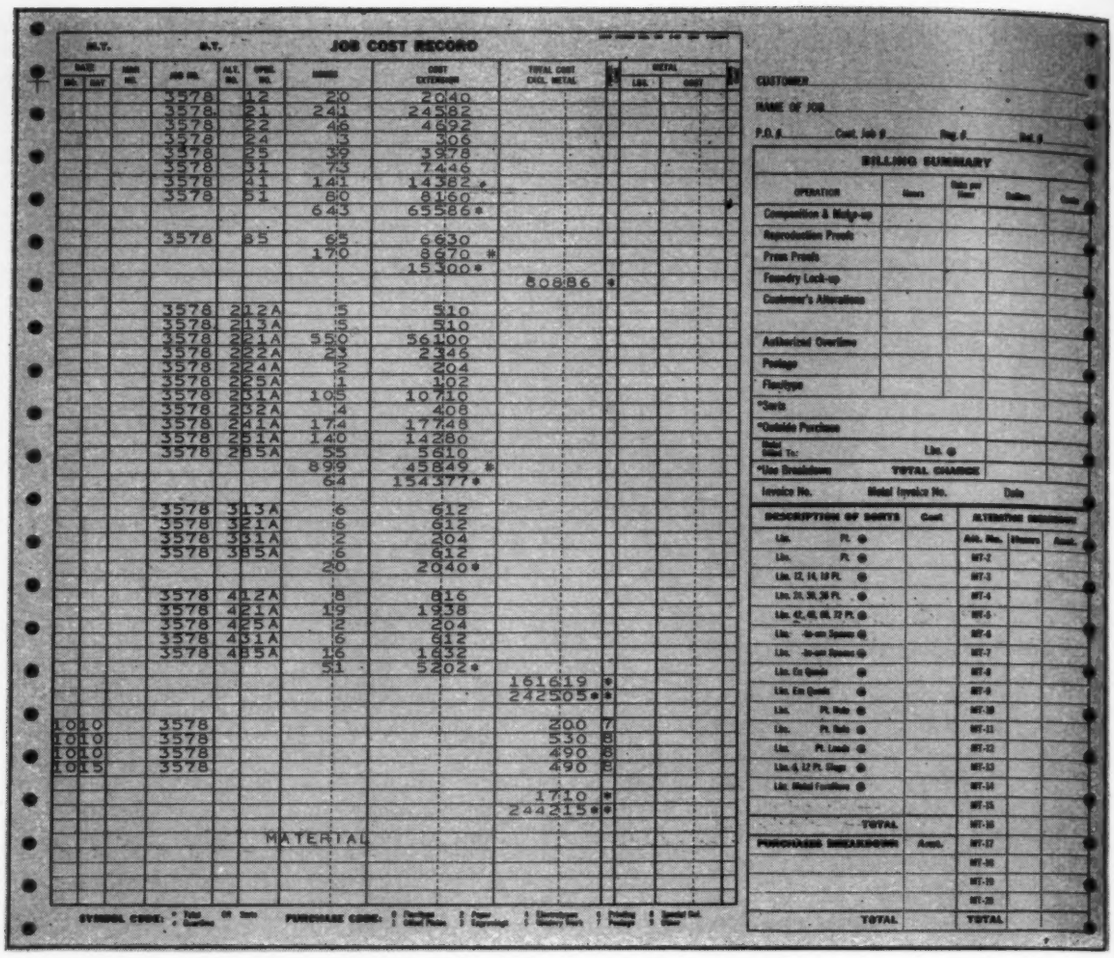
(4.) Finished Job Cost Record Report. This report gives our billing department the necessary information for a complete breakdown of our operations performed on each job. We have sub-totals of each operation, alteration and the total proofing time.

We also have a complete break-



M.T.	D.T.	DAILY ATTENDANCE AUDIT											
DEPT.	MAN NO.	JOB NO.	OPER-ATION	A/P	PROD.	NON-PROD.	REGULAR	O.T.	DBL.	DISCREPANCY: REG.	O.T.	DBL.
2	248	3408	21	J	35		35					
2	248	17137	22	J	2		2					
2	248	17000	22	J	2		2					
2	248	17138	22	J	2		2					
2	248	17136	22	J	1		1					
2	248	16846	21	J	10		10					
2	248	16845	21	J	2		2					
							CR	CR	CR			
2	249			A			7.5					
2	249		77	J		1.1	1.1					
2	249	17070	21	J	2.9		2.9					
2	249	17171	21	J	.6		.6					
2	249	3267	22	J	.4		.4					
2	249	2759	22	J	.6		.6					
2	249	17147	22	J	.3		.3					
2	249	17030	22	J	.9		.9					
2	249	16659	22	J	.5		.5					
2	249	17030	22	J	.5		.5					
2	249	17150	22	J	.5		.5					
2	249	3267	22	J	.2		.2					

Fig. 6.—Fragmentary reproduction of Daily Attendance Audit sheet. Original measures 10⅝ in. by 11 in.



JOB COST RECORD

Job No.	Alt. No.	Oper. No.	Hours	Cost Extension	Total Cost Excl. Metal
3578	12		20	2040	
3578	21		241	24582	
3578	22		46	4692	
3578	24		3	306	
3578	25		39	3978	
3578	31		73	7446	
3578	41		141	14382 *	
3578	51		80	8160	
			643	65586 *	
3578	85		65	6630	
			170	8670 *	
				15300 *	
					808.86 *
3578	212A		5	510	
3578	213A		5	510	
3578	221A		550	56100	
3578	222A		23	2346	
3578	224A		2	204	
3578	225A		1	102	
3578	231A		105	10710	
3578	232A		4	408	
3578	241A		174	17748	
3578	251A		140	14280	
3578	285A		55	5610	
			899	45849 *	
			64	154377 *	
3578	313A		6	612	
3578	321A		6	612	
3578	331A		2	204	
3578	385A		6	612	
			20	2040 *	
3578	412A		8	816	
3578	421A		19	1938	
3578	425A		2	204	
3578	431A		6	612	
3578	485A		16	1632	
			51	5202 *	
					1616.19 *
					2425.05 * *
3578					200 7
3578					530 8
3578					490 8
3578					490 8
					17.10 *
					2442.15 * *

MATERIAL

CUSTOMER

NAME OF JOB

P.O. # Cust. Job # Reg. # Inv. #

BILLING SUMMARY

Operation	Hours	Rate per Hour	Dollars	Cents
Composition & Make-up				
Reproduction Proofs				
Press Proofs				
Foundry Lock-up				
Customer's Alterations				
Authorized Overtime				
Postage				
Flexitype				
*Sorts				
*Outside Purchase				
Metal Billed To:		Lbs. @		
*Use Breakdown		TOTAL CHARGE		

Invoice No. Metal Invoice No. Date

Description of Sorts	Cost
Lbs. Pt. @	
Lbs. Pt. @	
Lbs. 12, 14, 18 Pt. @	
Lbs. 21, 30, 36 Pt. @	
Lbs. 42, 48, 60, 72 Pt. @	
Lbs. 6-em Spaces @	
Lbs. 3-em Spaces @	
Lbs. En Quads @	
Lbs. Em Quads @	
Lbs. Pt. Rule @	
Lbs. Pt. Rule @	
Lbs. Pt. Leads @	
Lbs. 6, 12 Pt. Slugs @	
Lbs. Metal Furniture @	
TOTAL	
Purchase Breakdown	Amt.
TOTAL	

Alt. No.	Hours	Amt.
MT-2		
MT-3		
MT-4		
MT-5		
MT-6		
MT-7		
MT-8		
MT-9		
MT-10		
MT-11		
MT-12		
MT-13		
MT-14		
MT-15		
MT-16		
MT-17		
MT-18		
MT-19		
MT-20		
TOTAL		

Symbol Code: * Total Cost Excl. Metal ** Total Cost Incl. Metal

Purchase Code: 1 Outside Other Plans 2 Paper Engraving 3 Electrotypes, Stereotypes 4 Printing Postage 5 Special Ink Other

Fig. 7. — Job Cost Record Sheet is used for accumulation of figures on complete breakdown of operations performed on each job. Hypothetical figure of $10.20 per hr. was used, broken down into 6 min. units.

down of all outside purchases (see individual card, Fig. 3) the date of purchase and the type of article purchased. The total of the complete job consists of all production time on the original job plus alterations; plus outside purchases (if any). However, this total does not include any metal charge.

We have a separate listing of all metal shipped on a job (see individual card, Fig. 4), the total number of pounds of each shipment, the metal cost of each shipment and the date of the shipment. With this report we have found a much more simplified and successful operation for the billing of type composition work which is produced by our company.

Attendance Report

Weekly we run an Attendance Report containing a complete listing of the regular time and overtime worked by each man day by day, and for the week. This report has simplified the payroll girl's job tremendously. She doesn't have a long time consuming job of adding hundreds of attendance cards at the end of each week.

Monthly Reports

Monthly our reports consist of:

(1.) *Spoiled Work* — a detailed listing of all spoiled work for each department. With this report we may detect any unnecessary loss of time, which can be corrected.

(2.) *Work in Process* — After closing billing for the month, we run a Work in Process Report. This report was a major operation under our old system. It would take our girls at least a full day and sometimes longer to take a complete WIP. Now with our IBM processing equipment it is possible to have our complete Work in Process in the matter of 2 hrs. Now we have a complete listing of all jobs in our Work in Process. Before, all we obtained was a total hour figure.

With our new Work in Process Report we have a chance to analyze our outstanding accounts. It is possible to find out what are old jobs and when they were worked on last. With this information we can investigate an old job to find out what is preventing the billing of that job. We also get the total of regular time, the total overtime for each job along with the job number and the date the job was last worked on and the number of cards on each job.

The results, which we receive from our IBM Processing equipment, are the most accurate, legible and up-to-date information available. We are highly satisfied with our installation because we are accomplishing what we thought was the impossible. Our equipment has fulfilled all our requirements and we have an opportunity to add more work to our equipment for additional information without any additional expense.

Prevent Roller Glaze

Rollers need care to prevent glaze, says the Lithographic Div., New York Employing Printers Assoc., Inc. Glazed rollers cannot transfer ink evenly from other rollers to plate. Rollers should be scrubbed carefully with pumice and naphtha.

Offset Printed
POSTCARD

Indicative of travel volume in USA—Shelton Corporation specializes in printing color postcards.

By ADAM HENRI REISER, *Eastern Editor.*

WEATHER vane in the printing industry is the picture postcard. The volume of cards used over a given period provides an indication of the amount of traveling done annually by people of the nation.

Then, too, these cards provide tourists with a means for easily made messages to those at home, probably a duplicate of the "wish you were here" type. Usually depicted on the card is a point of interest on the journey showing perhaps scenery, historic events, picturesque dining places or night clubs.

But to the writer, the card presents evidence of a transition within an industry.

The scenic postcard used to be predominantly a lithographic product even as it remains today. But at the turn of the century the originals were hand drawn or engraved on stone.

Today, the original is a color photograph providing either a transparency or reflected copy. In many cases it is reproduced without hand artwork of any kind. It is photographically reproduced on a printing plate ready to be run in color on an offset press.

Indeed, as a matter of record, an expert in the field envisions insertion of the color original at one end of a machine and then gathering the product in volume from the other end.

Of course we're not in that era yet.

Recently the writer enjoyed the privilege of a journey through a modern picture postcard plant in which are produced over 100 million cards a year. Through the courtesy of Ted Shelton of the Shelton Color Corp. of Hackensack, N. J., we saw the battery of offset presses printing four color process cards.

The Shelton Corporation operation is based on the reproduction of color transparencies sent in from all over the country.

Working on the premise that the three color process failed to provide fidelity reproduction of transparencies for postcards and allied products, Shelton Corporation set about developing a four color method of reproduction. This had to meet four requirements:

(1.) Method had to be a surefire operation adaptable to mass production;

(2.) It had to be economical to meet competition;

(3.) It had to yield a quality product;

(4.) Method had to be flexible to enable reproduction of color transparencies from many different locations.

Shelton's research established that the deficiencies of the three color process would be overcome with a fourth or black printer.

Special Inks Developed

Further, close work with the Eastman Kodak Co., IPI Div. of Interchemical Corporation, Champion Paper & Fibre Co., and the Du Pont Company established the need for standardization.

In the field of ink, for illustration, four standard inks were evolved. Called Lithogem Shelton Process Inks, a yellow, blue, red and black ink are being manufactured for special use in the Shelton process by IPI.

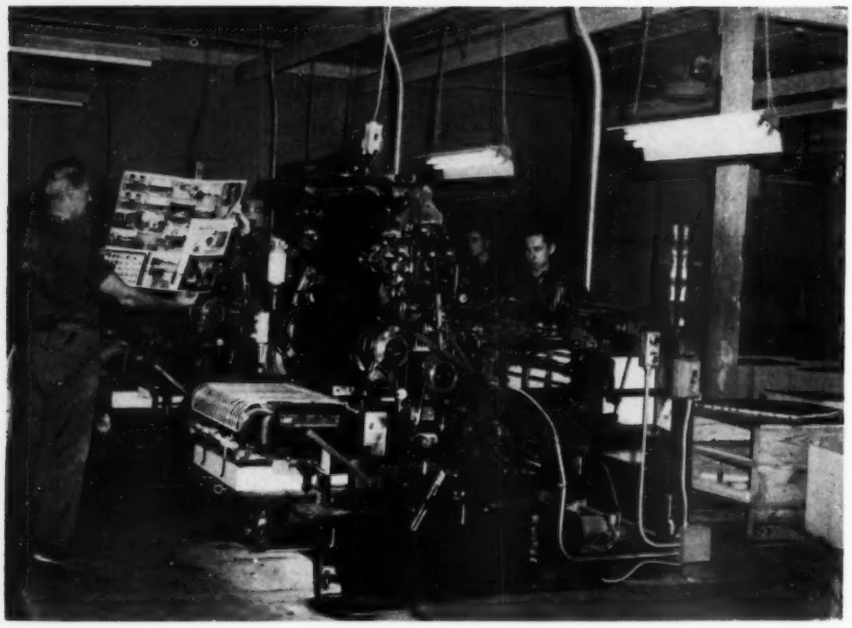
So it is with the Kromekote stock used in lithographing the cards. The Champion Paper & Fibre Co. furnishes a grade of this stock with coated surface suitable for this kind of printing.

Quality Control

Quality control is practiced throughout the Shelton operation, with air conditioning being employed to guard against dust and to keep temperature and humidity under control. Dust, sudden changes in temperature and humidity can all play hob with the product.

Control is a prime necessity in the process with originals being shipped from so many sources. The transparency is checked with densitometric readings of the high and low values, the density range of the

Plant Supt. Ray E. Chase, Shelton Corporation, Hackensack, N. J. (holding sheet at left) and Exec. Sales Director Alfred R. Orsini examine press sheet of four color postcards. Firm specializes in producing millions of postcards annually. Also shown are Miss Marylyn Wyllie, and Miss Margaret Murphy who are assistants to Orsini.



The press foreman at Shelton Corporation examines a full sheet of four color postcards. This is partial view of the pressroom. Shelton prints annually over 100 million postcards of varying sizes.

original thus is firmly established.

A highlight mask and three principal masks are then made with the highlight mask located in register with the color transparency. These three masks made through the 80A or similar filter for use in making the cyan and black printer negative; the 33 or similar filter for use in making the magenta printer negative and the 58 or similar filter for use in making the yellow printer negative.

Masking Operations

Each mask is checked with the color densitometer. If the range of the mask is within the accepted range of masks, they are then used to make the continuous tone color separations. Should special effects or additional corrections be required, supplementary masks may then be used. A slight enlargement is aimed at where possible in the separation.

No Hand Correction

The separation negatives are then checked for balance and range and screened through a 150 line halftone screen, angling each for its respective color. This will yield four screened positives—a yellow, a blue or cyan, a red or magenta and a black. These are then ganged up on a plate for the press. At the Shelton plant, standard procedure puts 30 conventional postcards on a 22½ in. by 28½ in. sheet.

With the conventional card size being 3½ in by 5½ in., and the sheet size being 22½ in by 28½ in., 30 cards are combined on such a sheet. They will be run five across the 28½ in. way, making 5 in. by 5½ in., or 27½ in. and 6 deep or 6 in. by 3½ in., or 21 inches of work.

The positives are stripped to a blue plastic key carrying the image of each card for registration purposes, two plastics being used. Stripping 15 cards to each plastic alternating a mask with a positive enables fastening the film of the positive in position on the plastic with Scotch tape. Of course, the area that holds a mask on one plastic will have the positive registered over the image in that area on the other plastic.

To produce the plate, then a presensitized plate is exposed under each plastic in succession for each color. Registration is accomplished by a set of pins on the printing plate that fit snugly into holes on each plastic. In this manner, a plate is made for each of the four colors used in printing the card, the 30 positives for each color being stripped to the two plastics in turn.

Pre-sensitized plates of the deep-etch or positive reversal type are used exclusively at Shelton. This type of plate has been found to produce the desired effect from the finer screened positives.

Each plate is then strapped on the cylinder of the 22 in. by 29 in. offset press, the yellow being run first, cyan second, magenta third and the black last. Following the printing of the four colors, the sheets are run through a varnishing machine, lacquer being applied to the face or the four color side of the card. This provides a lasting quality to the printing besides imparting a richness and lustre associated with works of art. It is also an effective method of sealing the ink and provides a scratch and mar proof surface.

Established for over three years, Shelton now produces millions of cards a year. Dealing exclusively with the industry, Shelton not only supplies the finished product in varied sizes but also supplies screened separation positives. Proofs are supplied with the latter, showing the customer just what may be expected from the film. To get the proper values from them, Shelton insists their standardized set of inks be used in printing the plates made from the positives.

W. C. Rates Drastically Reduced

A drastic reduction in the Workmen's Compensation Insurance rates for newspaper employes engaged in photocomposition work has been granted to the Quincy (Mass.) *Patriot Ledger* following an appeal hearing before the Rates and Manual Committee of the Massachusetts Rating and Inspection Bureau.

The ruling provides that photocomposition workers be re-classified to the low-rate classification covering artists, designers, proof readers, editors or clerical office employes. It contains a proviso that the work must be performed in a physically separated department.

In the case of the *Patriot Ledger*, the action reduces the insurance rate on photocomposition employes from 63c per $100 of gross pay to the 9c per $100 rate for clerical workers.

The ruling supported the contention of G. Prescott Low, publisher of the *Patriot Ledger*, that photocomposition had virtually eliminated the risks and hazards of conventional composing rooms.

Putting special types of

INK ON PAPER

Paper and ink properties for best printing

By BYRON L. WEHMHOFF

This is Part III of a four part series on handling paper in the pressroom. Wehmhoff discusses the principal special types of inks and how to recognize difficulties.

SPECIAL types of inks are sometimes used to obtain certain specific results. The principal kinds of these inks are doubletone, gloss and metallic inks. The importance of each varies according to the public's fancy. Doubletone inks, for instance were quite the rage some years ago, but of late their use has dropped almost to the vanishing point. The paper requirements for these inks differ according to the kind of ink, and frequently it is necessary for the printer to use a special paper for such inks and an entirely different paper for the remainder of the job if the best results are to be obtained in both.

Doubletone inks are used to give a double or two-tone effect to single color printing. Their action is dependent upon the well known tendency of oil base inks to separate to some extent in the drying process. All the pigment and part of the vehicles remain on the surface of the paper and the remainder of the vehicle soaks into the sheet.

The direction of absorption is parallel to the surface as well as at right angles to it. Each halftone dot is, therefore, surrounded by a ring of oil wet paper. This is not particularly noticeable, if the vehicle is colorless. The doubletone effect is obtained by incorporating in the ink an oil soluble dye of the desired color. For instance, an oil soluble red dye incorporated in a black halftone ink will yield a reddish ring around each black dot, thereby giving the printed page a two-tone effect.

Metallic Inks

Metallic inks are commonly known as gold or silver inks, the pigments being in varying shades of brass or aluminum powder. Due to the tendency of the pigments, particularly those in gold inks, to react with the fatty-acid constituents of the vehicle, such inks are usually mixed as needed on the press. The vehicle consists of a mixture of lithographic varnishes, oils and driers, similar to those used in the formulation of ordinary inks. Since the metallic particles are made by hammering, they are flat and have considerable covering power.

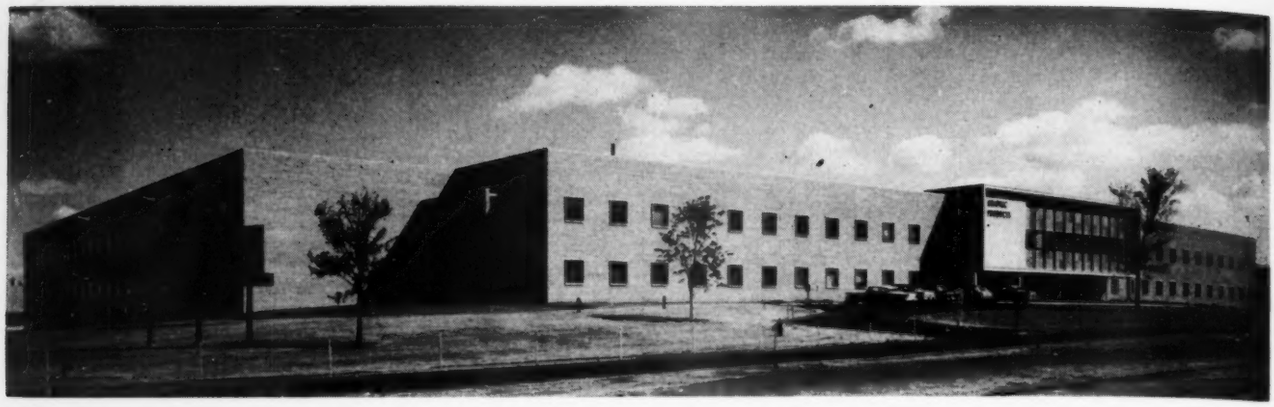
The paper on which the best results are obtained has a good surface ink receptivity and a high density or ink resistant body. The former insures the paper taking off sufficient ink from the plate and the latter keeps the vehicle on or near surface where it can act as a binder for the metallic particles. If this does not happen, the dry ink powders and rubs off the paper. A high printing smoothness is also necessary. The pigment particles lie on the paper like shingles on a roof and due to their reflecting a considerable amount of light, they magnify any surface irregularities of the paper. As in all other kinds of printing, a good formation is necessary for high grade work.

Gloss ink paper requirements are the same as for metallic ink work, with the added requirement of a high surface strength. These inks are tackier than ordinary inks and the surface strength of the paper must be correspondingly higher than when ordinary inks are used.

The most important development in printing ink manufacture in recent years is heat-set ink. These inks are sold under various trade names, but the principle is the same in all cases. The difference between these inks and ordinary inks is in the vehicle and in the method of drying. The vehicles of oil base inks is a mixture of linseed oil or similar varnishes, mineral oils and driers, while the vehicle of a heat-set ink is composed primarily of a natural or synthetic resin or mixture of the two, dissolved in a volatile solvent. Lithographic or linseed oil varnish, if present at all, is in very small amount.

The usual printing ink dries partly by absorption and partly by oxidation. Heat-set inks, on the contrary dry principally by evaporation of the volatile solvent used to dissolve the resins. Not all of the solvent evaporates during the heating period. Some of it is driven into the paper from which it evaporates at a later time. But for all practical purposes the ink is dry when the

(*Continued on Page* 124)



General Products Research Center building erected by Minnesota Mining & Mfg. Co. to house all of its research facilities. It is located on a 320 A. tract in St. Paul, Minn. Building is 400 ft. across front and stretches 300 ft. back on sides. Gross floor area is 320,000 sq. ft.

3M Prevues $8 Million RESEARCH *Center*

By MacD. SINCLAIR, *Editor*

FEATURED at the prevue for invited guests on Thursday, Nov. 20, sponsored by Minnesota Mining & Mfg. Co., was inspection of the new $8 million General Research Center building in St. Paul, Minn. Here is done industrial research for the company's various divisions. Also featured was the display of J. S. Mertle's famous library and photomechanics collection, as well as demonstrations of 3M's products for the printing industry.

Among the guests invited by 3M President Herbert P. Buetow to have a look at the new facilities were printing plant management and production executives, industry association executives and business publication editors. What these people saw and heard is an indication of the development through research of improved equipment and materials for at least two of the major printing processes.

Becoming Research Conscious

Printing executives are becoming increasingly conscious of the essentiality of industry research. Research activities are expanding in the industry's various sectors. All of the printing processes are highly dependent upon chemistry, physics and engineering. There is also much to be said for keeping printing in the forefront of the communications field.

Many printing executives, particularly in the commercial letterpress field, believe the greater part of research progress is best accomplished through equipment and supplies manufacturers. They seem satisfied to have a relatively small portion of the cost of research included in the price of equipment and/or supplies purchased from the manufacturer.

The Mertle Library

Visitors to the 3M Graphic Arts Research Laboratories were thrilled when they viewed a small part of the J. S. Mertle photomechanical library. Approx. 209 choice and historically significant specimens were mounted on upright floor panels for easy inspection.

The library part of the famous collection consists of 6000 volumes. Mertle and his wife have devoted their lifetime to collecting the books and rare specimens. In all probability there isn't a comparable collection anywhere in the world.

It has been announced that Minnesota Mining & Mfg. Co., in addition to extensive use by its own researchers, eventually will make the historically significant portions of the library available to serious Graphic Arts students throughout the world. However, this won't occur until after the library has been fully catalogued.

Cost of Research

According to Bert S. Cross, 3M executive vice president, the annual expenditure for industrial research in this country last year passed the $7 billion mark. The 3M company's appreciation for the value of research will result in his company spending almost $16.5 million on research this year. Last year, Cross said, the research investment represented 4.4% of gross sales.

He explained that 3M's laboratories are busy night and day with the work of some 1500 men and women, all occupied with one form or another of general industry product research and development.

Quoting from a survey made among 120 companies by the management consultant firm of Booz, Allen and Hamilton, Cross stated that two-thirds of all research projects fail to produce useful results.

In no company was the failure less than 50%, and in one it was 90%. Cross said: "A look over the early progress reports for our 3M Printing Projects would show at least an 80% failure record. They tell me they have improved somewhat since then."

Product Concept Development

Dr. Carl E. Barnes, 3M vice president and director of the Central Research Center, explained that the Center is operated for long range research for the various company divisions. The scientists and technicians develop a new product concept to produce an entirely new and different product. The proposed product then is tranferred to one of the Graphic Arts Laboratories where it is put into workable shape, after which it is presented to the Graphic Arts Division for manufacture. This is only a superficial explanation. Research isn't that simple, but the reader will comprehend the general idea.

Not So Secret

Previous to the tour through the immense Research Center, Dr. Carl S. Miller, technical adviser, Graphic Arts Div., said he had an explanation to make to 3M's guests. The frank explanation was to the point. It was with reference to some of the windows in the Graphic Arts laboratory section being "blacked out" to the guests. "One can't see molecules in a bottle or flask," he said, "but if they are put into picture form the trained eye could see. These laboratories are not blacked out because the things you might see are so secret but only because they have not yet been developed."

Future Letterpress Research

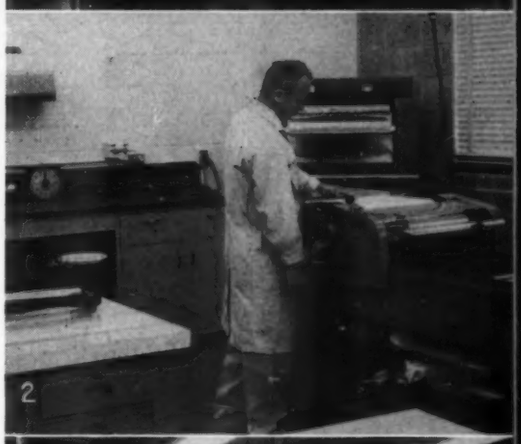
Clifford L. Jewett, 3M's Printing Products Div. manufacturing manager, explained that 40 people are employed in the Graphic Arts Research laboratories housed within the General Research Center building. If the Graphic Arts Products Div. has a problem in connection with some product for the printing industry, it can turn to General Research Center's management and can also call on research people in all other 3M laboratories. The true laboratory is in the mind of the researcher—not in the laboratory and equipment by themselves.

Jewett also explained that 3M's Graphic Arts organization undertakes development of new products for the printing industry only and does not attempt to produce products by copying.

In answer to a question, Jewett responded by saying it is his honest opinion that the greatest amount of letterpress research will be done by manufacturers in the future. The reason is that the letterpress industry's problems are complex. However, some research contributions will be made by the letterpress printing industry itself.

Answering another query, Jewett said new products other than those demonstrated to the guests are being considered or are "in the works." They are not yet ready.

The concluding event of the day was a banquet held at the St. Paul Athletic Club. This was attended by approx. 100 guests, 3M executives and research men. Principal speaker was scheduled to be Hon.



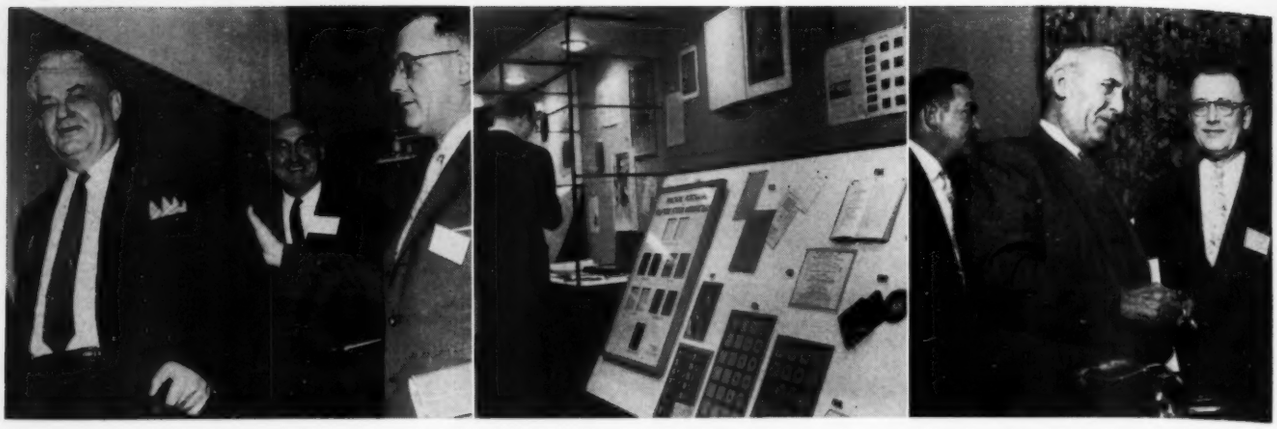
1.—A peep into one of the quality control offset-lith platemaking rooms. Yellow fluorescent lights furnish illumination when working with light sensitive materials. Modern sinks for plate development are used. Exposure equipment can be controlled to exact tolerances. New chemicals, plate coatings and developing techniques are tried out here.

2.—Letterpress laboratory is devoted to makeready system, plate treating, friskets, press tympans and blankets. Proof press in picture is used for testing frisketing material. The makeready exposure unit in corner functions to test batches of makeready material received from manufacturing plant in Hastings, Minn.

3.—The 3M research laboratories maintain two pressrooms (one letterpress and one lithographic). Quality control press runs are made continuously to spot-check production runs. In this letterpress pressroom (at left) there is a Miller 20 in. by 26 in. sheet fed press, and (at right) a Hamilton special web fed rotary press. Presses in both laboratories are mounted on foundations in basement to isolate vibration.

4.—In this offset-lith pressroom, 166 line gray scale prints are most frequent testing jobs. Gray scale prints enable pressman to check 3M chemicals, plates and dampening system. At left, pressman is placing a 3M dampening roller in the 17 in. by 22 in. Harris press. Pressman at right is checking ink coverage on the ATF Chief 20. Primarily, accelerated breakdown tests from 3M presensitized plates are run.

5.—Offset plate coating formulations are tested and approved in these laboratories before they get a field test. The next step in new product work after passing selective field testing is a test marketing program, then the product is released to the trade.



Snapshots taken during Prevue Ceremonies of 3M's Graphic Products Research Laboratory. Left to right: J. S. Mertle, whose famed library is now housed in new building. Next is Ed Kane, general manager, Printing Products Div. and Bert S. Cross, executive vice president. In center panel is peep at method of displaying items from Mertle Library. Right panel: George Cornelius, president, Research and Engineering Council; John Grant, production manager, Government Printing Office; Bert S. Cross, banquet master of ceremonies.

Raymond Blattenberger, U. S. Public Printer. Because of Blattenberger's illness, John Grant, production manager of the Government Printing Office, delivered the address previously prepared by the Public Printer on *Progress and Future of the Graphic Arts.*

Establishes Two Divisions

In 1954 the Public Printer established an Offset Division with responsibility for all offset functions and operations vested in a superintendent of offset.

Grant said it was Blattenberger's policy not to expand the GPO's overall printing facilities. Obsolete equipment of equal capacity is removed for every new offset press installed.

The GPO now has 40 offset presses. In 1957, the GPO ran 272 million impressions from 32 thousand plates.

The Letterpress Division heads are doing a better, more intensive job. These executives have better and faster equipment, the old equipment taken out and the Letterpress Division has been modernized in the same manner as the other departments.

U. S. Dept. of Graphic Arts?

Toward the end of his address, Blattenberger observed that there should be a department of the Graphic Arts in Washington, D. C. There *could be one* if there were a greater degree of unity in the printing industry, he said.

Printing Industry Products Shown by 3M

Among the products developed by 3M for the printing industry and which were explained and demonstrated to the guests in the various laboratories, are:

Letterpress Plate Treating—This method primarily is for treating plates mounted around the common impression cylinder of a printing press for long run work. Solids and middletone areas are raised above the highlight areas to secure dense printing in those areas and to permit greater printing plate durability in high light areas.

Offset-Lith Plates—In addition to 3M's line of standard type of offset plates, demonstrations were made of both Positive Acting Plates and Negative Acting Plates. Both are presensitized on aluminum base. The 59 in. size of the Negative Acting Plate was introduced this year. Pad holder and sponge kit for plate development was also introduced this year.

Thermo-Fax Copying System — Designed for rapid production of dry copies of letters, drawings and the like. Copies produced in 4 sec. to 7 sec. Also furnished in automatic multiple copying model.

Frisketing for Color Work—On color proof work, the 3M beaded sheet surface prevents smudging on successive color proofs.

Beaded Press Packings — There are several kinds designed for fine screen work, perforating rules and for newspaper presswork. Packing permits quick backup of work.

Offset Dampening Rollers and Sleeves—This is a combination of roller, special replaceable sleeve and vacuum equipment to permit changing the sleeve quickly on the press dampening roller. Said to permit color change from black to yellow ink by wiping the sleeve with blanket wash.

Letterpress Press Makeready — An impression of the form is taken on a special thermoplastic coated sheet. The sheet is then placed on the cylinder which is then rotated under a light source in the machine. As the sheet passes under the light source, the middletone and solid areas in the image are raised. The sheet is then replaced in register under the top sheet of the press's impression cylinder.

Tapes—The visitors were shown the many kinds of tape used during the platemaking processes in the printing industry and for innumerable applications in home and factory.

Scotchlite Reflective Backing—An elaborate presentation of the reflective qualities of this new product was given. Primary uses are for road direction-guide signs at night. Other applications may be for display signs and certain types of printed matter.

Acquires New Equipment

A Miehle 41-TC two-color press has been installed by Arts & Crafts Press, San Diego, Calif., according to Lee Packard, president. The press will be used to help handle the increasing load of publication work.

Press Half-deck Reversal Method

By LEONARD O. HARRELL,
Pressroom Foreman, Albany (N. Y.) Times-Union.

Explained with the aid of illustrations is a method employed at the *Times-Union* for reversing the Goss printing press half-decks. This method eliminates resetting the 6 in. rubber roller which drives the spiral roller.

With this method, the 6 in. spiral drive roller *A* can be shifted to either position (regular or reverse) without necessity for resetting.

First, remove the plunger stud from the throw-off lever. Before replacing this lever, tap on a ¾ in. thread.

The plunger stud is removed from the lever so the hole can be used to provide location for centrally drilling and tapping the hole for positioning roller *A* in the regular or second position.

Set roller *A* in position where it is in contact with the auxiliary ink drum and the spiral roller. This is the reverse of 1st position.

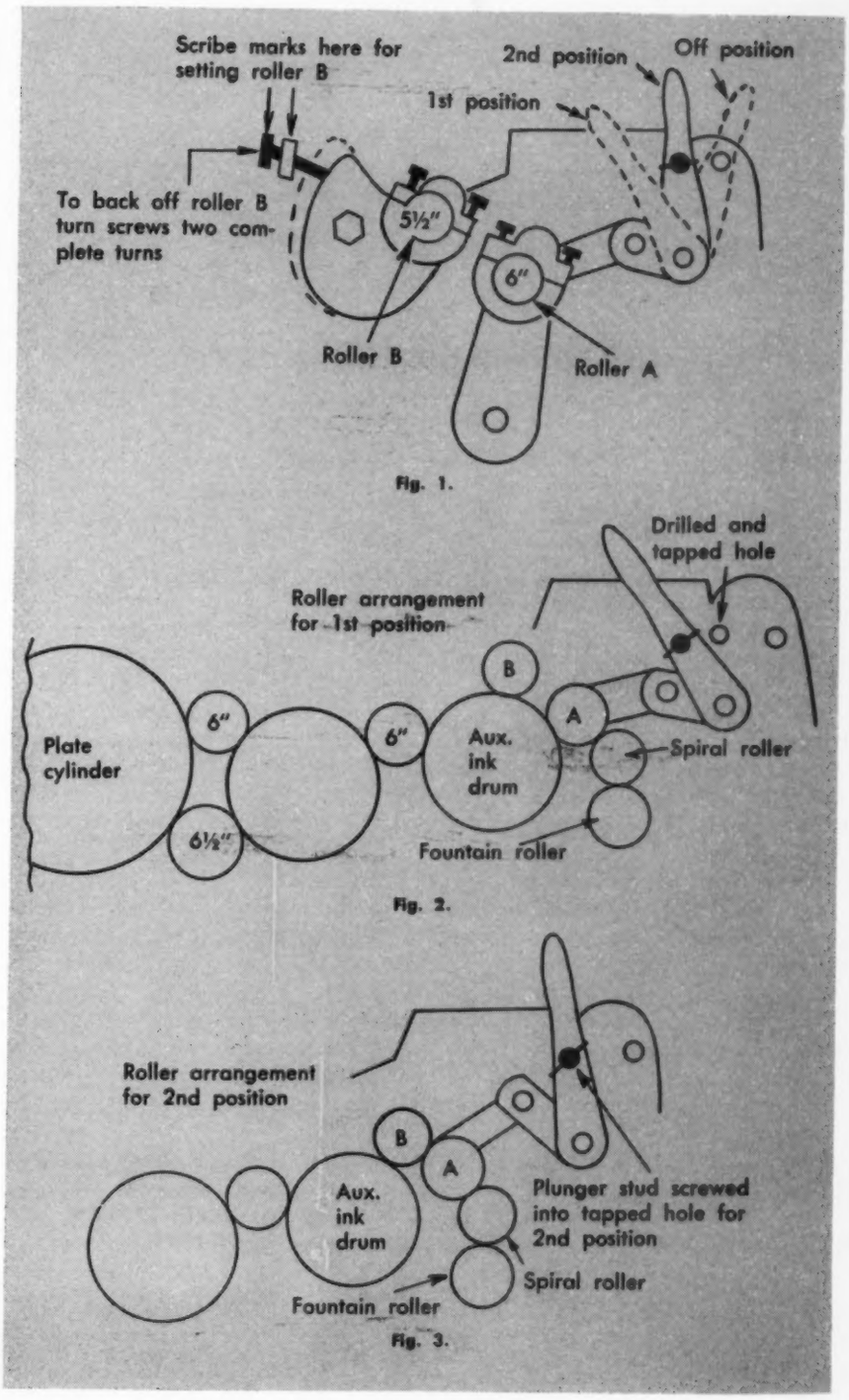
Using the throw-off lever, pull roller *A* away from the auxiliary ink drum until there is a clearance of approx. ⅛ in. In this position mark dead center of the plunger stud hole in the frame, drill a 21/32 in. hole and tap with the ¾ in. thread to match the plunger stud.

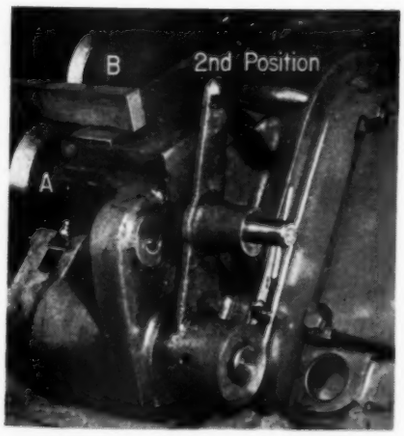
This is the regular or second position. The plunger stud is now replaced in the throw-off lever and used to lock the lever in this position by screwing the stud into the hole.

The 5½ in. rubber roller *B* is set to drive roller *A* in the regular or second position.

With the roller *B* set to drive roller *A*, make a scribe mark on top of the adjustment screws and brackets (see drawing) of roller *B* so this roller can be backed away from roller *A* when the deck is reversed, and returned to the exact setting when the deck is changed back to the regular or second position.

The changing of the fountain roller gear is not affected by this method. This gear is still changed in the usual way each time the deck is changed. It will be seen the procedure is quite simple.





By means of the lever on a Goss printing press half-deck, explains Pressroom Foreman Leonard O. Harrell, Albany (N. Y.) *Times-Union*, the spiral drive roller *A* can be shifted to regular or reverse position without resetting.

ATF Distributes 3M Supplies

The 3M brand of presentitized photo offset plates and chemicals will be available through American Type Founders Co., Inc., according to an agreement made by ATF and Minnesota Mining & Mfg. Co.

Packless Mat Use Increases, Reports Prince at Mechanical Meet

New England Conference also discusses cold type, ink mist and stereo metal care • By SIDNEY JAMES PAINE

PACKLESS stereotype mats and photocomposition held top interest at the New England Newspaper Mechanical Conference, Hotel Statler-Hilton, Boston, October 18-19. Attendance was over 650.

The 1959 conference is scheduled to be held at Hotel Statler-Hilton, Boston, Saturday and Sunday, October 17-18.

Chairman of the Composing Room Clinic was Raymond J. Cox, production manager, Bangor (Me.) *Daily News*.

Four representatives of photocomposition processes remarkably, and with discreet and diplomatic mien, each espoused his firm's product to the audience.

Leading off was William Baumrucker, jr., vice president, Photon, Inc. He was followed by Morton G. Freed, sales manager, Northeast Printing Equipment Corp., who spoke on the Shaftstall electric spacer and proofreader; Harold B. Plaut, advertising manager, Intertype Company, discussed *What's New at Intertype;* Herbert Rand, Mergenthaler Linotype Co., spoke on *New Developments in Linofilm.* C. Shepley Cleaves, Ludlow Typograph Co., Spoke on *New Developments in Brightype.*

Among the developments discussed by Baumrucker were descriptions of the use of the Photon machine at the Fort Worth (Tex.) *Shopper,* reports concerning other newspapers, and utilization of Photon for business forms composition.

Experience with Phototypesetting

Richard D. Allen, executive assistant to the publisher, Quincy (Mass.) *Patriot-Ledger,* reviewed briefly the past year's developments in phototypesetting with the newspaper's Photons.

Allen said the industry should keep a sharp eye on photocomposition, and that management should awaken to the fact of what the process can do for them. He urged one and all to visit plants that have Photon, Fotosetter, Linofilm and Brightype equipment in use.

He said the *Patriot-Ledger* would welcome any who desire to visit the plant.

He summed up by saying the phototype and makeup method is growing tremendously. He said it may be several years away, but the newspaper composing room would be vastly improved by the full introduction of phototypesetting and photocomposition methods.

Prince on Research

Roy W. Prince, technical research director, ANPA Research Institute, Inc., presented a talk on *Stereotype Investigations at ANPA Research Institute.*

He said: "Not all of the problems that can develop in the stereotype department of a newspaper do, in fact, develop within the stereotype department itself. One problem, which occasionally presents itself, has to do with the quality of material received for reproduction.

"Setting standards on paper is fine, if they are adhered to. Fre-

Some of Those Active in Recent New England Mechanical Conference

Commencing at left, are Charles W. Gibson, superintendent photoengraving, Boston *Globe;* Carleton A. Braga, mechanical superintendent, Woonsocket (R. I.) *Call;* Burt B. Mader, photoengraving superintendent, *Christian Science Monitor,* Boston; Frederick W. Costello, assistant superintendent, composing room, John A. MacRury, assistant foreman, composing room, both of Boston *Globe;* Joseph Juffre, ad desk foreman, Boston *Herald-Traveler;* J. Duffy Parish, photoengraving superintendent, Jacksonville (Fla.) *Journal;* Frank B. Foster, engineering department, Intertype Company; C. Stanley Whyte, production manager and composing room superintendent, Boston *Herald-Traveler.*

Heavy

HEAVY HANGS THE OVERHEAD.....

...when linecasting equipment is obsolete, outworn or inadequate! **Now** is the time to ask yourself: Am I just "getting along" with my present equipment? Am I **already** paying for a **new** Linotype—**in lost profits**—in work that "couldn't be done"?

Your Linotype Agency would be pleased to give you a thorough and honest appraisal of your composing room and how it may be modernized to deliver top efficiency—and peak profits. Some plain talk about comfortable financing, too.

Mergenthaler Linotype Company, 29 Ryerson Street, Brooklyn 5, N.Y. **• LINOTYPE •**

For More Information Circle 116 on Reader Service Card

New England Mechanical Conference Officers—Second from left is new president, Francis (Frank) A. Downey, mechanical superintendent, Holyoke (Mass.) *Transcript-Telegram*. Others in picture, left to right, are Walter C. (Pop) Crighton, composing room superintendent, New London (Conn.) *Day*, who was re-elected secretary-treasurer for the twentieth time; George F. Luft, stereotype superintendent, New Haven (Conn.) *Register* and *Journal-Courier*, this year's program chairman who was elected vice president; John P. Sorenson, composing room superintendent, New Bedford (Mass.) *Standard Times*, immediate past president.

quently, however, they require some policing. We recognize that no one can do this policing for you, so at Research Institute we have worked out a method for determining the usability of incoming materials. The method involves the use of a depth measuring microscope."

Prince discussed at some length and in detail, the work that has been done at the ANPA Research Laboratories regarding proper form preparation in the composing room and, control of form element height to enable the stereotyper to secure best molding results.

The ANPA laboratory studied mat roller molding pressures and their effect on stereotyping quality. Measurements on stereotype mat molding pressures show that mechanical stretch or tuck-in during molding is effected directly by the molding combination used and the equipment settings. He observed that best reproduction of form detail is obtained when there is no stretch during molding. Lack of stretch also assures getting the full shrinkage built into the mat.

Prince also reported studies related to roller pressure during molding. One of the studies was related to mat roller lift and how to determine it with a gauge.

Packless Mats

With respect to development of packless mats Prince said: "We have found that mat packing is a bottleneck in most plants. Use of packless mats eliminates the bottleneck and results in increased capacity in the stereo department." The laboratories have worked with Kimberly-Clark on development of Mat Pak. Other packless mats, however, are available from Burgess Cellulose Co., Tenak Products Co. and Wood Flong Corp. As of August 1958, there were 42 daily newspapers using a packless mat full time, 11 using it part time and over 100 in what could be called trial stage.

Prince concluded: ". . . packless mat processes are becoming a part of everyday newspaper production. . . . My suggestion is: Don't wait for your neighbor to try one, but try one yourself."

George F. Luft, stereotype superintendent, New Haven (Conn.) *Register* and *Journal-Courier*, discussed the use of the Wood Master Flong (packless mat). He reported these mats had been in use on the day and night shifts for approx. nine months. These mats are being used 100%. He stated reproduction is good. His final admonition was: "Don't let your neighboring newspaper do all the experimenting. Do it yourself. It will work."

Chairman of the Stereotype Clinic was Harold Hubbard, stereotype superintendent, Hartford (Conn.) *Courant*, and co-chairman, Rupert M. Roaf, stereotype superintendent, *Christian Science Monitor*, Boston.

In a talk and slide presentation describing *Sta-Hi Color-Aids*, Ernest E. Klostermann of Sta-Hi Corporation stressed the importance of precision procedures to assure close register of color material.

He pointed out that Sta-Hi Corporation now makes available to newspapers a complete system for proper registration, starting with original color engravings and carrying through the stereotype mats to assure that page plates cast are in close register.

(*Continued on Page* 130)

Group of Speakers at New England Mechanical Conference

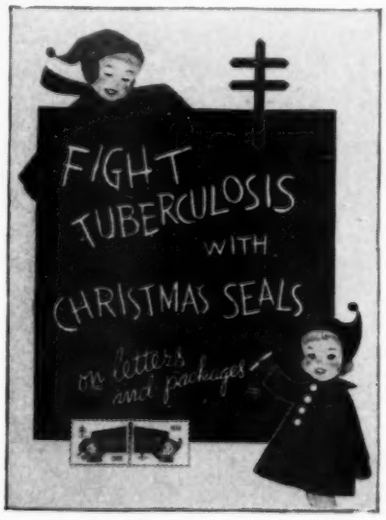
In rear row, left to right are: C. Shepley Cleaves, Boston manager, Ludlow Typograph Co.; Herbert Rand, Mergenthaler Linotype Co.; Richard D. Allen, executive assistant to the publisher, Quincy (Mass.) *Patriot-Ledger*; Raymond J. Cox, production manager, Bangor (Me.) *Daily News*; Morton G. Freed, sales manager, Northeast Printing Equipment Corp.; Harold B. Plaut, advertising manager, Intertype Company; William Baumrucker, jr., vice president, Photon, Inc.
Foreground, left to right: Joseph V. Peacott, assistant publications manager, and John J. Wyse, publications deskman; James W. McGrath, ad desk assistant, and Leo V. McCusker, publications deskman, all from Boston *Herald-Traveler*.

RESEARCH

Gravure Research Meets — Three days of meetings and discussion at the Hotel Sherman, Chicago, were recently concluded by Gravure Research, Inc. with a color correction seminar. Some 31 gravure personnel from GRI member companies participated in the seminar, which used for the first time two new sound color motion picture films produced by GRI to demonstrate recommended masking procedures for gravure. Harvey F. George, research director, and Ernst Greminger, John Kimball and William Welch, laboratory staff members, discussed current and future research projects. Among the subjects discussed were new photographic emulsions for gravure, results of tests of a new device for improving gravure press operation, and gravure applications for Xenon lights. A new bulletin in which is explained the aims and accomplishments of GRI along with membership information has recently been published. It is available from Harvey F. George, research director, Gravure Research, Inc., 282 Seventh Ave., New York 1, N. Y.

Craftsmen Book Price to Go Up

The closing date for the $3.75 per copy price of the Craftsmen's 50th Anniversary Book, *Printing Progress—A Mid-Century Report,* will be Dec. 31. The price of the book if ordered after that date will be $5.50 per copy. Published by the Intl. Assoc. of Printing House Craftsmen, the book may be ordered from A. E. Giegengack, finance committee chairman, Craftsmen's Anniversary Committee, 5738 Connecticut Ave., N. W., Washington 15, D. C.



Poster Contest for Exposition

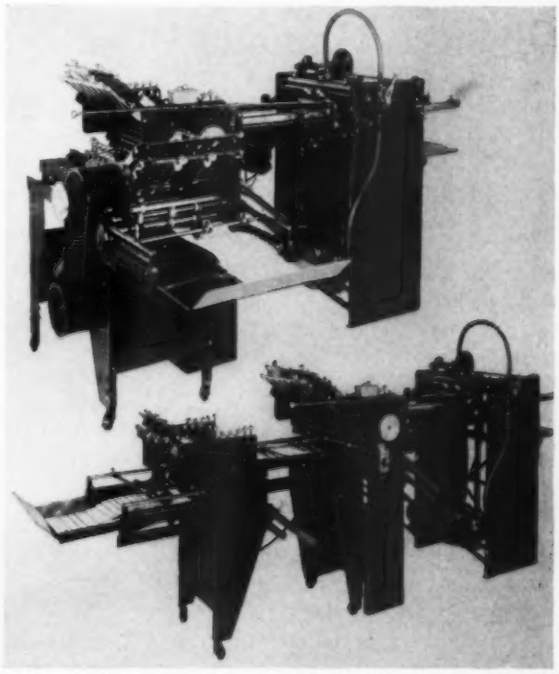
A. E. Giegengack, president and general manager of the Seventh Educational Graphic Arts Exposition, to be held in the Coliseum, New York, N. Y., Sept. 6-12, 1959, has announced a poster competition for professional designers. A first prize of $1000 and a second prize of $750 will be awarded. The judging and awards will be conducted under the auspices of the American Institute of Graphic Arts. The exposition, organized by the Intl. Assoc. of Printing House Craftsmen, Printing Industry of America and other leading organizations in the Graphic Arts, will present printing machinery and products of suppliers whose aim is to improve quality and production efficiency. More details on the poster competition will be announced at a later date.

New M-G-D Trade Mark

Miehle-Goss-Dexter Inc. introduced a new trade mark in November, according to Robert C. Corlett, president. Designed by Bruce Beck, Chicago, it was developed to identify the products and services of M-G-D divisions and subsidiaries with the parent corporation. The initials "M, G, and D" will be eliminated when the symbol is used in conjunction with the corporate name.

Miehle-Goss-Dexter Inc. was the result of a merger of Miehle Printing Press and Mfg. Co. and Goss Printing Press Co. Other divisions now include: The Dexter Co., Filmsort Co., and The Lawson Co. Subsidiaries include: Mercury Engineering Corp., and M-D Blowers Inc.

The new M-G-D trade mark is illustrated above.



Baum Satellite Folder With Two Units for Versatility —The Satellite two-unit folder has been announced by Russell Ernest Baum, Inc. The units of the folder may be set up in two ways for different kinds of work. In the upper illustration the No. 2 unit (which is caster mounted for movability) is hooked to the No. 1 unit at right angles for 4 par (or less) followed by 4 par (or less) at right angles. In the lower illustration, the No. 2 (caster mounted) unit is hooked to the No. 1 unit in tandem to secure 2, 3, 4, 5, 6, 7 or 8 parallels. However, some stocks are too heavy for that many operations.

Sponsor states equipment will fold one, two, three or four parallels followed by one, two, three or four parallels at right angles.

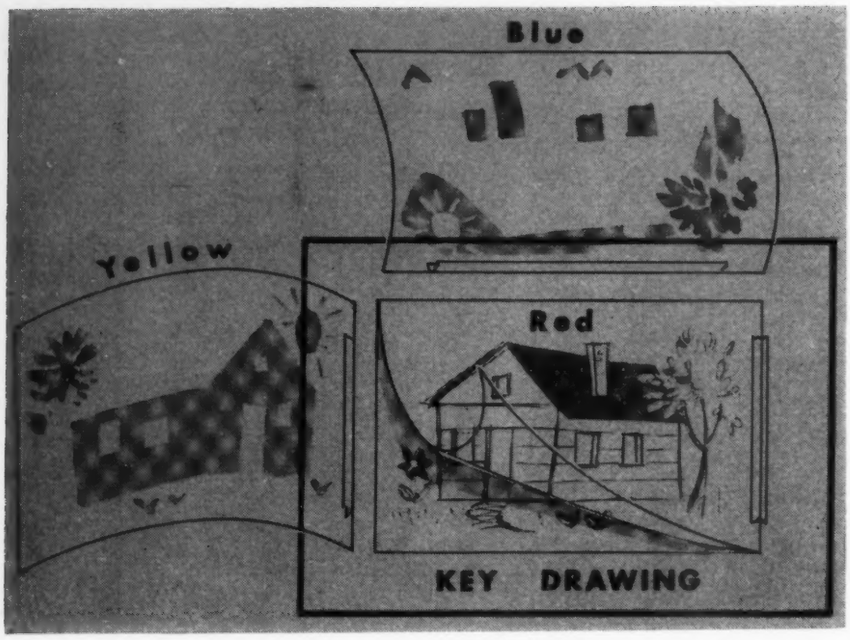
Equipment is also claimed to fold very small sheets such as small drug circulars. Parallel folds up to eight in sheets 17½ in. by 26 in. may be secured in one operation.

For single sheet multiple folding, the folded stock may be cut apart at either the parallel section or the right angle section so that two, three or folded signatures are delivered from each single sheet fed into the folder.

Each of the folder units is self-powered as in the suction pile automatic feed. Single or multiple line (both directions simultaneously) perforating may be done. Equipment perforates and delivers sheets flat, or sheets may be folded in one operation.

By means of dual adjustments, the pressure of folding rollers is regulated so that each roller adjusts to thickness of the paper passing through for single or multiple thicknesses. All roller adjustments are made from the top of the machine. Micrometer scale on both sides of every fold plate enables exact setting quickly.

To fold, paste and trim in one operation the paster is dropped into position and the cutters are moved to proper position on the cutting, scoring and perforating shafts. Circle No. 270 on Reader Service Card.



This drawing shows hinged color preseparated copy assembly ready for the cameraman. Each color flap is photographed individually to produce a halftone negative of isolated color.

Fluoro TriColor Lowers Cost Of Engraving and Offset Plates

Production executives in all kinds of letterpress, offset and gravure plants doing color platemaking and/or color printing will be interested in Fluoro TriColor. This is a development recently announced by Printing Arts Research Laboratories. The reason for interest by the production executive is that he is always interested in developments that will enable him to reduce costs, do better work at less cost, or perhaps enable his company to get into a particular kind of work which it has been felt the company's customers could not afford previously.

The method is what might be called a simple, economical means for producing printing plates ranging from one color and black to three colors and black.

At the outset, it is explained that this process is not suitable for reproduction of color photographs.

Claims made for the method consist primarily of elimination of camera color separation work. The non-printing areas of an illustration (pure white highlights and background) are kept dot-free by automatic means, rather than by hand masking or hand opaquing.

Mounting Color Copy

As is shown in the accompanying illustration, the platemaker's copy in the case of three color and black copy, consists of an original artist's drawing in black. Mounted in superimposed fashion in fixed-hinged position over the drawing are three layers or color flaps (one each for the yellow, red and blue colors) of clear Du Pont Mylar film.

Now, the artist paints in each color on one of the transparent Mylar sheets superimposed over the lower or black key drawing. The black key drawing always shows through as a guide for applying color. It can be understood by the layman that the painting-in of the primary colors (one for each Mylar sheet) automatically provides color separation.

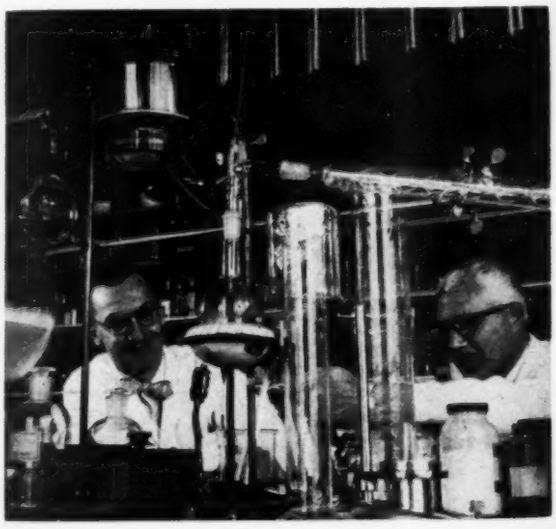
Physical Color Separation

This physical color separation is made feasible by two qualities in the TriColor paints: (1) The art can be changed or corrected at any time because the new colors may be "erased," re-applied and dried quickly. (2) The painted color flaps have a permanent optical property that is not visible but is very powerful photographically. That optical effect permits each color flap to be photographed virtually as though it were black-and-white copy, when the Fluorographic Process[1] is used by the camera operator.

As a result, Fluoro TriColor printing plates are made without color separation negatives, and bypass the heavy costs of color corrective work. Each color flap is photographed individually to pro-

(*Continued on Page* 128)

[1]Special ultraviolet filters at the camera lens are employed in the Fluorographic Process so that highlights and backgrounds of Fluoro-prepared art copy are dropped out automatically



One of the organic chemistry labs at Printing Arts Research Laboratories. At left is Charles P. Collier, quality control chemist. At right is Walter S. Marx, jr., president and research director. Firm's Fluoro TriColor method is for use in photoengraving, gravure and offset-lith processes.

Consolidated Presents

THE ALBERTINA MULTI-COLOR HI-SPEED WEB-FED GRAVURE PRESS

. . . a comprehensive new concept in press flexibility.

The precision built ALBERTINA, unit constructed gravure presses have been developed so that additional units and conversion accessories are available to meet every printing need and so engineered that it is practical to convert and make changes in the press to meet the requirements. **The Gravure Press for every Packaging and Publication need.**

FOR PERIODICALS, MAGAZINES AND ADVERTISING PIECES IN MULTI-COLOR

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ive Offices: 1030 West Chicago Avenue, Chicago 22, Illinois. TAylor 9-3950

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NOW AVAILABLE FOR IMMEDIATE DELIVERY
WORLD'S FINEST WEB-FED GRAVURE PRESS

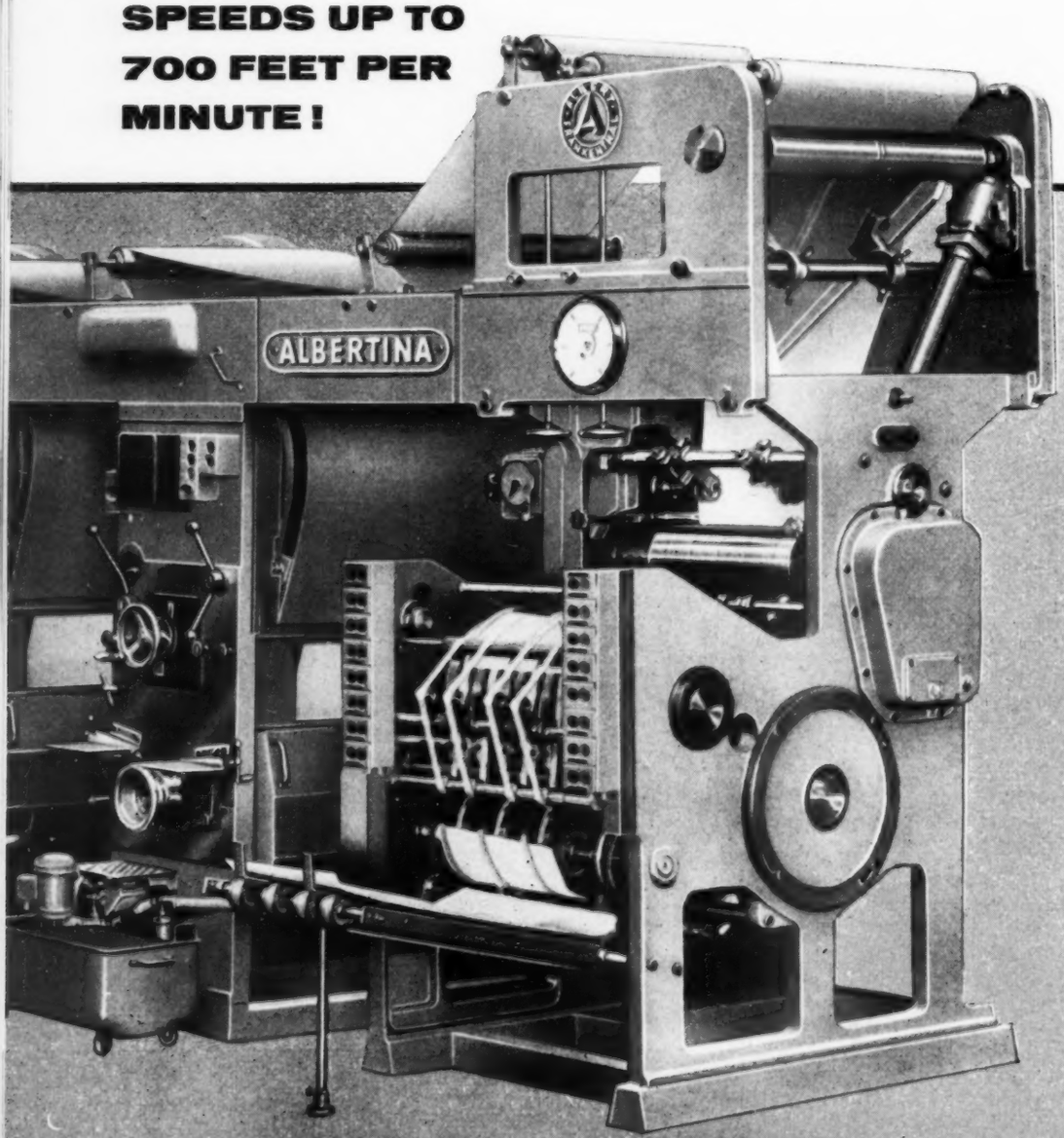
The World-famous "ALBERT" name is your Guarantee of Superlative Quality and Highest Production Speeds . . .

This outstanding 5-color unit can be equipped with sheeter, folder and rewind to print fine publication, or packaging on paper, foil or cellophane. Its unit construction gives you the greatest versatility in setting up standard units to tailor-make the press to meet your specific needs.

The ALBERTINA variable sheeter operates in speeds up to 12,000 sheets per hour. The non-stop feature enables the loaded truck to be removed while the press is running at high speed.

SPEEDS UP TO 700 FEET PER MINUTE!

SHEETER

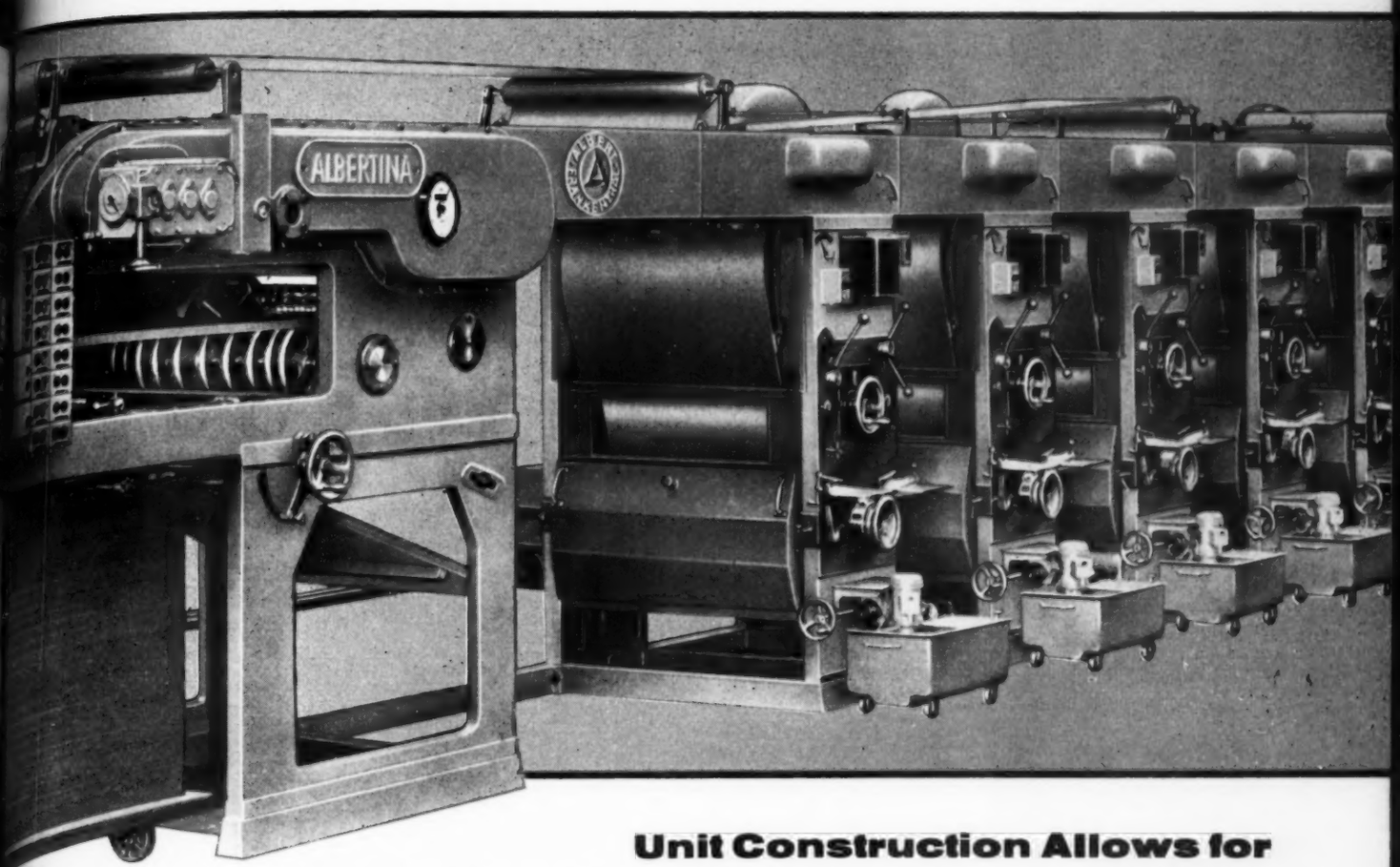


FOLDER

Variable folders with built-in stitching heads are designed for every publication need to give one cross fold, or two parallel cross folds, or one cross fold and two deliveries, or practically every desired combination with simplified adjustment for variable sizes of formats. The ALBERT folder, long recognized as the most outstanding in the world, is of heavy duty, trouble-free construction producing at maximum capacity.

Write, wire or phone for an immediate quotation, and our SPECIAL introductory offer

THE 5-COLOR UNIT ALBERTINA EQUIPPED WITH HI-SPEED FOLDER AND SHEETER UNITS



Unit Construction Allows for Addition of Printing and Accessory Units

We have an attractive offer for the installation of the first 5-color ALBERTINA in the U. S. These fine ALBERTINA web fed gravure presses are in operation in hundreds of plants throughout the world. Recognized as the world's finest, the ALBERTINA can be assembled for packaging, roll-to-roll, sheeter, or for publication, catalog and commercial printing.

Each ALBERTINA unit has its own self-contained ink, heating and drying system. Units can be added at a later date. Imprinting units are availble for letterpress or flexographic printing. A new magnetic cylinder is available for imprinting with magnetic rubber plates for quick changes. Units can be equipped with turning bars and electric eye register systems.

The ALBERTINA line of press and accessories are the most complete in the rotogravure industry. Available in web widths of 23 up to 52 inches. Electrical drives and motor equipment operate the printing and other accessory units by remote control in a single panel electrical operating station.

Specifications on 36-in maximum width—46-in. maximum length ALBERTINA 5-Color Gravure Press — available for immediate delivery:

1—Automatic Non-Stop Roll Stand
5—36-in. Width Printing Units equipped with ink fountain and constant level pump
1—Automatic Rewind with slitters
1—Variable Sheeter
1—Variable Folder

This press is available as a complete unit, or any combination, tailored to your requirements.

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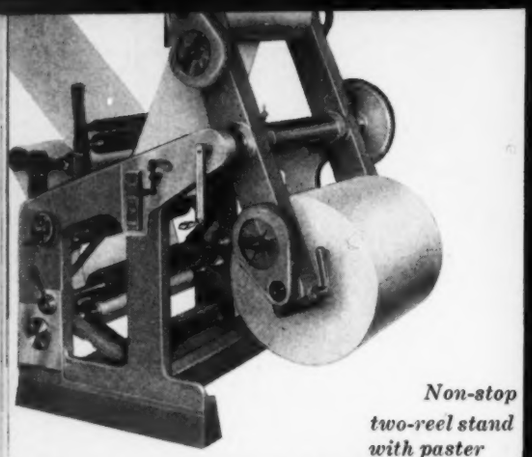
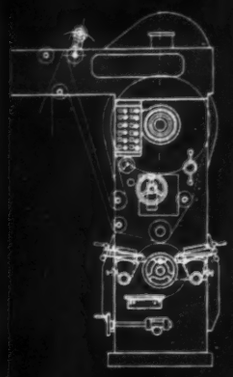
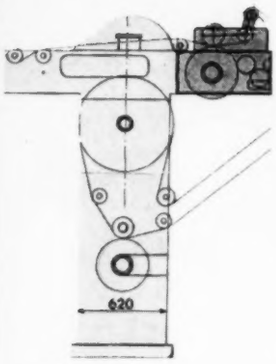


Non-stop two-reel stand with paster

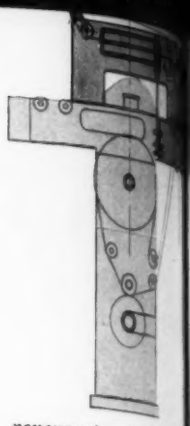


Standard Photogravure Printing unit

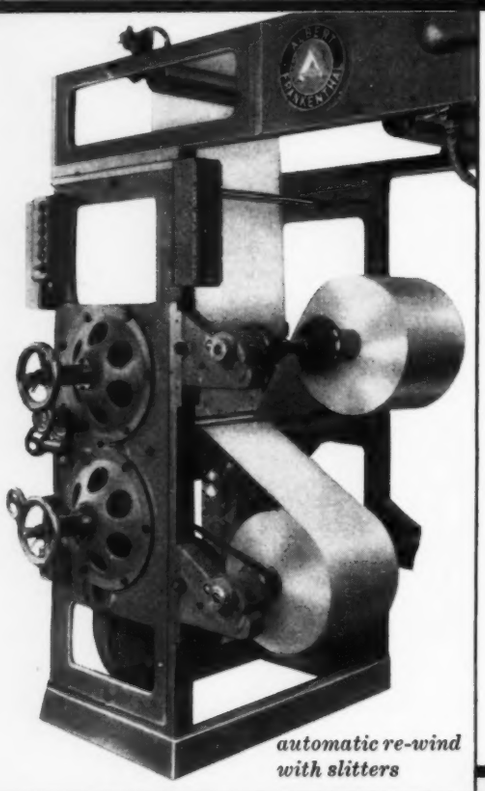


with accessory analine printing unit

letterpress printing unit

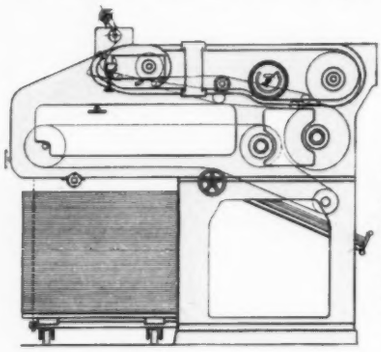


reverser turning bars on standard gravure unit

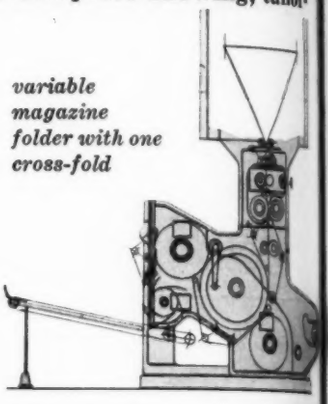


automatic re-wind with slitters

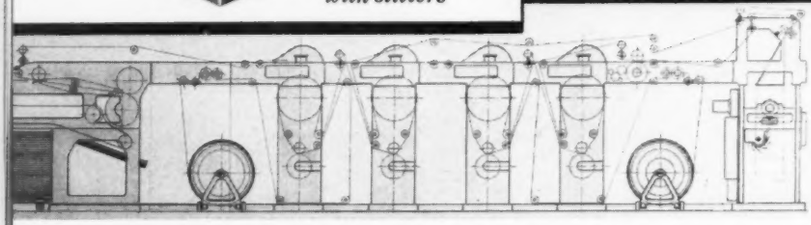
Units shown here are but a sampling of the infinite variety of accessories available with the world-famous ALBERTINA gravure presses. Write, wire or phone for a complete showing, tailor-made to meet your requirements.



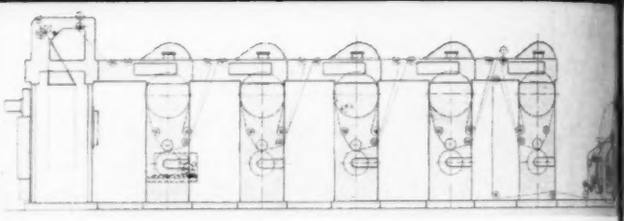
variable chain-gripper sheeter with high-pile non-stop feature



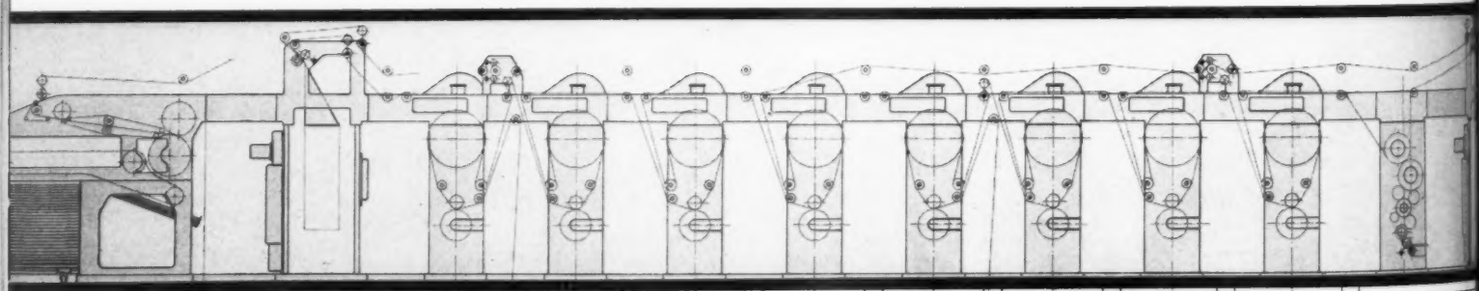
variable magazine folder with one cross-fold



Albertina with 2 paper roll stands: 4 photogravure printing units: 1 analine unit: 1variable folder: and 1 chain gripper sheeter.



Albertina with non-stop unwind and paster: 5 photogravure printing units: 1 analine unit: and 1 folder with cross fold.



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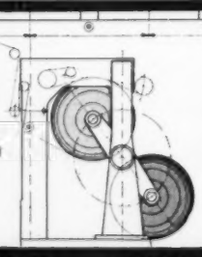
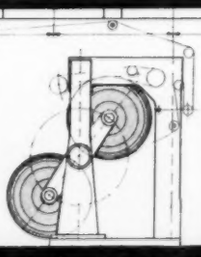


Albertina two-level photogravure with 2 Auto-paster reels situated below press.



8 photogravure units and 1 letterpress unit: 2 variable folders with cross-fold: 1 variable chain gripper sheeter.

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HELPFUL LITERATURE

FOLDERS · Sales Aids · Instruction Sheets · BULLETINS · Catalogs · BOOKLETS · Brochures

Circle Numbers on Reader Service Card in This Issue

Keep Yourself Informed. The folders and bulletins listed below all pertain to modern equipment, supplies, processes and/or methods. These have been prepared especially for plant managers, superintendents and foremen. Please circle the numbers on the Reader Service Card in this issue for the bulletins you wish to receive. Drop the self-addressed card in the mail. PRINTING PRODUCTION will forward your request.

Composing Room

INTERTYPE TYPE FACE CATALOG

A new 248-page catalog showing one line specimens of available Intertype type faces for linecasting machines has been issued by Intertype Company. Complete alphabets and figures of popular faces combined with special and alternate characters are included. Circle No. 320 on Reader Service Card.

SPECIAL HOT METAL MATRICES

Specimen sheets for individual reverse matrices for Ludlow only from 12 to 48 pt. and for trade mark or special design matrices for Intertype. Linotype and Ludlow are offered by Service Engravers. Circle No. 346 on Reader Service Card.

MERGENTHALER PROTYPE FOLDER

Mergenthaler Linotype Co.'s prepared headline and special type faces system, Protype, is described in a folder offered by the company. Circle No. 341 on Reader Service Card.

STAR QUADDER BULLETIN

Functions of the Star Selectro-Matic Quadder in quadding left and right or centering on linecasting machines are explained in an eight-page color bulletin offered by Star Parts Inc. Circle No. 334 on Reader Service Card.

CATALOG OF AMSCO CHASES

American Steel Chase Co. offers a catalog of its line of steel and aluminum chases for newspapers, commercial printers, stereotypers, and electrotypers. Circle No. 335 on Reader Service Card.

HAMILTON AD ASSEMBLY CABINETS

Hamilton ad assembly cabinets are among the equipment described in Catalog 28 of the Hamilton Mfg. Co. Cabinets have storage for full length material, galleys, and job cases, plus a dead slug bin. Circle No. 339 on Reader Service Card.

ATF TYPE SPECIMEN

A four page specimen brochure which is descriptive of the new Craw Modern type face is available from American Type Founders Co. Line specimens run to edge of paper for easy matching to layout. Circle No. 317 on Reader Service Card.

Platemaking

CAMERAS AND EQUIPMENT

Clydesdale darkroom cameras and printing frames, plus layout tables, color separation light units, and tabletop lights are described in a four page booklet offered by Process Cameras & Equipment Inc. Circle No. 331 on Reader Service Card.

VULCANIZING CHART

A vulcanizing trouble chart is being offered by Louis Melind Co. to those whose work pertains to vulcanizing rubber printing plates and rubber stamps. Circle No. 321 on Reader Service Card.

LITHO FILM APPLICATIONS

Cronar Ortho A litho film applications are described in a booklet offered by E. I. Du Pont de Nemours & Co. Separate sections deal with filter factors, exposure, development, and other processing procedures. Circle No. 314 on Reader Service Card.

VIEW ETCH CABINET

The View Etch inspection and etching cabinet for use in and out of the darkroom is described in a two page folder prepared by McKinley Litho Supply. Accommodates 16 in. by 20 in. film. Circle No. 315 on Reader Service Card.

PHOTOCOMPOSING SPACER

A two page folder on the Carlson Photocomposing Spacer, which is designed to facilitate stepping multiple images on film, is offered by the Chesley F. Carlson Co. Circle No. 316 on Reader Service Card.

ANSCO GRAPHIC ARTS BOOKLET

A well illustrated, 60 page booklet on the Ansco line of photographic films, filters, and chemicals for the Graphic Arts is available. Circle No. 313 on Reader Service Card.

KODAK REPORT ON MASKING

First of a series of pamphlets by Eastman Kodak Co., called Q-sheets, is descriptive of camera back masking with silver masks. This is a new technique designed for masking for color correction when making photomechanical reproductions from color-reflection copy. Write to Sales Service Div., Eastman Kodak Co., Rochester, N. Y., for pamphlet No. Q-101.

CAMERA AND POWDERLESS ETCHER

The Chemco F-1200 roll film camera and the Dow-Chemco powderless etching machine are both illustrated in a two page folder offered by Chemco Photoproducts Co. Inc. Circle No. 318 on Reader Service Card.

FLUORO TRICOLOR PROCESS

A four page folder on the Fluoro TriColor method for letterpress, offset and gravure processes is being offered by Printing Arts Research Laboratories, Inc. Artist prepares preseparated colors on clear sheets superimposed over a keyed black drawing and direct screened separations can be made on ortho film. Circle No. 306 on Reader Service Card.

LOGETRONIC SYSTEM

A four page folder in which is reported results of a comparative cost study of conventional and LogEtronic methods of preparing prints for photomechanical reproduction is available from LogEtronics, Inc. A modulated light source enables controlled exposure of negative. Circle No. 307 on Reader Service Card.

CHEMCO STRIPPING FILMS

Three pocket-size booklets describe the recommended procedures in use of Ortho-Strip Film, Hi-Speed Stripfilm, and Powderdot Stripfilm, available from Chemco Photoproducts Co. Inc. Circle No. 319 on Reader Service Card.

SCAN-A-COLOR REPORT

A progress report on the Electronic Color Scanner and Separator operated by Niagara Photo Engraving Co. Inc., Buffalo, N. Y., is being offered by Fairchild Graphic Equipment. Circle No. 308 on Reader Service Card.

DU PONT FILTER GUIDE CHART

A 9 in. by 14 in. Filter Guide Chart for use in photographing nine colors as black and white has been made available by Du Pont's Photo Products Div. Filters are indicated for use with orthochromatic, panchromatic, or blue-sensitive films. Circle No. 312 on Reader Service Card.

RUBBER FOR THE GRAPHIC ARTS

Goodyear Tire & Rubber Co. has published a catalog describing its rubber products for the Graphic Arts. These include offset blankets, engravers' gums, unvulcanized printing plate gums, logotype gums, and others. Circle No. 310 on Reader Service Card.

RED CONTRAST STEREO MAT

New Products Div. of The Beveridge Paper Co. will send samples of its new Red Contrast baked-on direct pressure stereotype mat for newspaper color work. Stipulate whether samples are wanted for flat or curved casting. Molded image is easily read. It is claimed that both mats will withstand an indefinite number of casts. Circle No. 333 on Reader Service Card.

SCOTT IDEAL MATRIX ROLLER

Features and specifications of the Scott Ideal Matrix Roller for rolling newspaper mats and other matrices are described in literature offered by Walter Scott & Co. Circle No. 336 on Reader Service Card.

HAMMOND STEREO EQUIPMENT

Literature is available on Hammond Machinery Builders Inc. line of stereo equipment, including the Easykaster for shell casts, a scorcher, a radial router, and the Hammond Plateshaver. Circle No. 344 on Reader Service Card.

KEMP STEREO METAL POTS

Kemp gas or electric fired stereo and remelt pots are described in a bulletin offered by the C. M. Kemp Mfg. Co. Sizes range from pots with rated capacity of 340 plates per hr. to a small pre-assembled model. Circle No. 340 on Reader Service Card.

Pressroom

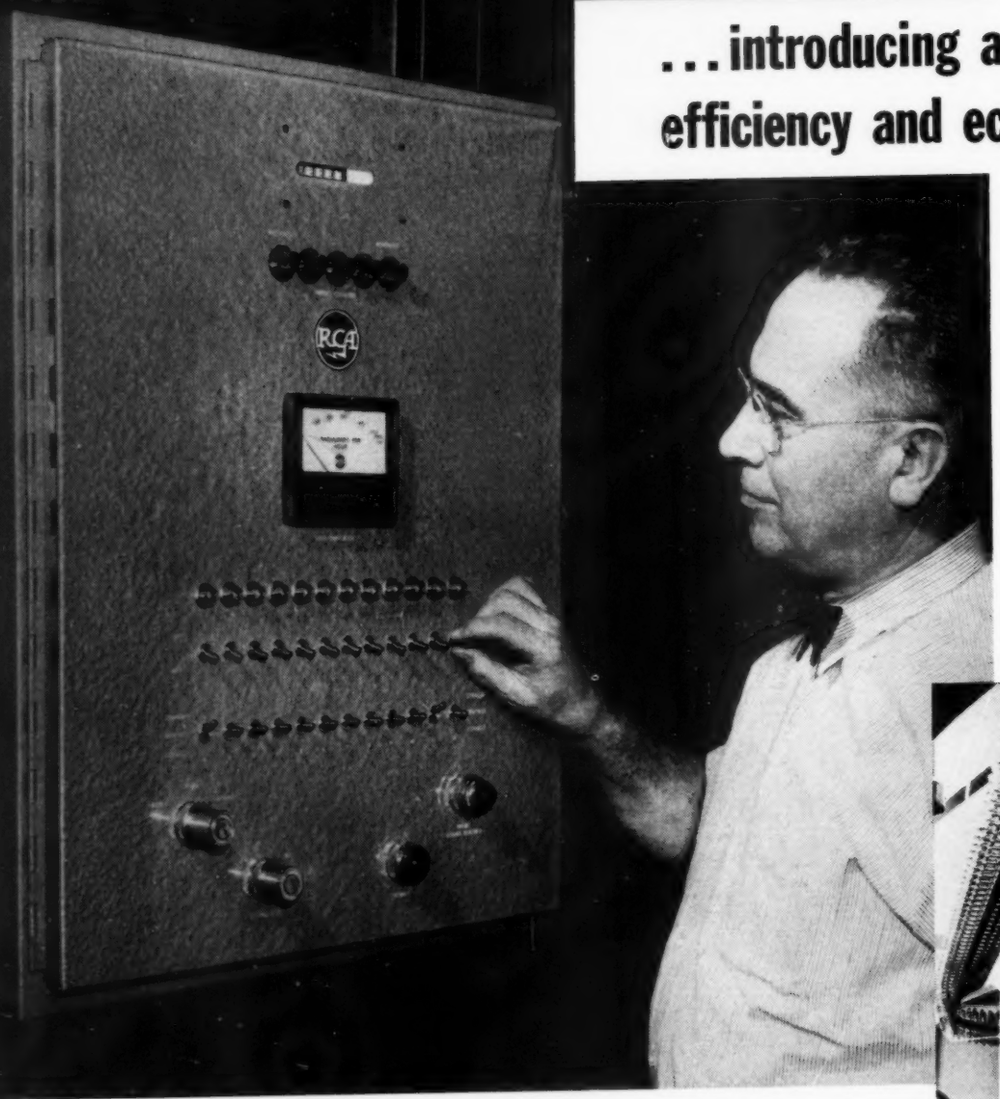
G-E PRESS DRIVE BULLETINS

Information on the General Electric D.C. Electronic Unit Drives for metropolitan presses and the General Electric Inductrol D.C. Group Drive for smaller presses is available in separate bulletins. Circle No. 338 on Reader Service Card.

3M MAKEREADY SYSTEM

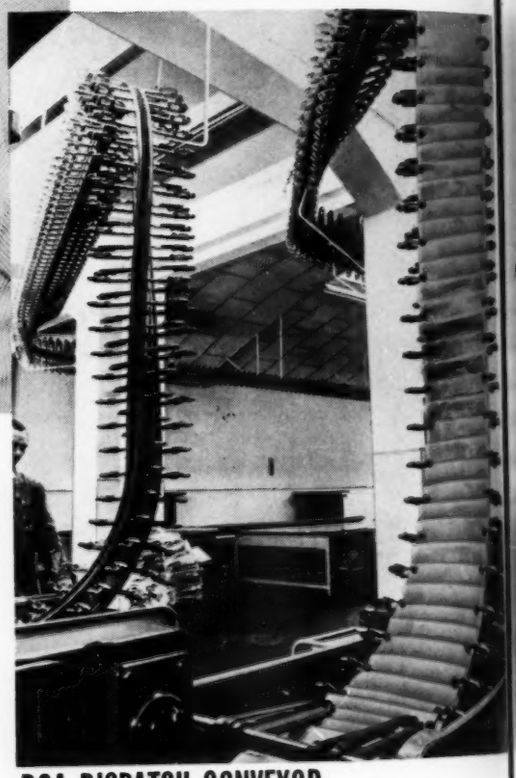
A brochure which illustrates advantages of using the 3M makeready system is offered by Minnesota Mining & Mfg. Co. Circle No. 327 on Reader Service Card.

(*Continued on Page* 118)



...introducing a new era of high-speed efficiency and economy!...

New Electro-Typesetters . . . Transistorized Newspaper Counting Systems . . . highly flexible Dispatch Conveyors . . . high-speed Strip Lister . . . Tape Combiner and Editor. These are the first RCA products offered for graphic arts automation. RCA engineering skills and specialized experience in electronics are now being applied to help provide automatic control in many phases of printing production—from the composing room to the mail room. Goals of this program are new and improved products, eventuating in integrated systems for complete control by electronic programming. Your inquiries are invited.



RCA NEWSPAPER COUNTING SYSTEM

- Counts and totalizes saleable newspapers from all press deliveries.
- Gives pressroom and mail room accurate count.
- Permits control of output—eliminates reorders and overruns.
- Totalizer is preset for total number of required papers—signals when total is reached.
- Relieves mark-up man of checking individual press counters to maintain running total of deliveries.
- Provides logical starting point toward complete automation of mail room.
- Handles any thickness newspaper from 16 to 128 pages.
- Transistorized design with plug-in modules offers long, trouble-free service.

RCA HIGH-SPEED STRIP LISTER

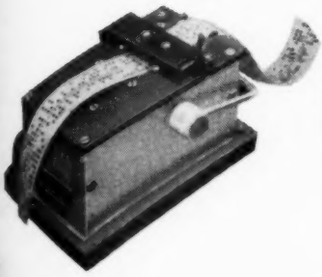
- Addresses up to 24,000 names per hour from standard 2⅝" stencils.
- Compact—only occupies about same space as a water cooler.
- Easy to operate.
- Requires little attention.
- Fail-safe mechanism stops machine if stencil jams.

RCA DISPATCH CONVEYOR

- Newest, most efficient conveyor for carrying press deliveries to mail room.
- Completely flexible—twists or turns horizontally or vertically to suit any layout.
- Handles any thickness up to 128 pages.
- Positive clamping action provides slip-free operation.
- Will not smudge wet ink.
- Lightweight, heavy-duty construction.
- Simpler and less costly to install.

RCA ELECTRO-TYPESETTER SYSTEM

- High-speed automatic typesetting from perforated tapes.
- Performance-proved through 5 years' operation at Wall Street Journal plants.
- Permits setting type at speeds up to 540 characters per minute.
- Operates linecasting machines at full capacity—fewer machines do more work.
- Results in better scheduling of workloads.
- Allows later deadlines for fast-breaking news.
- Handles all six unit code tapes.
- Self-check devices locate trouble source instantly—permit quick correction.
- Easy to install and service.

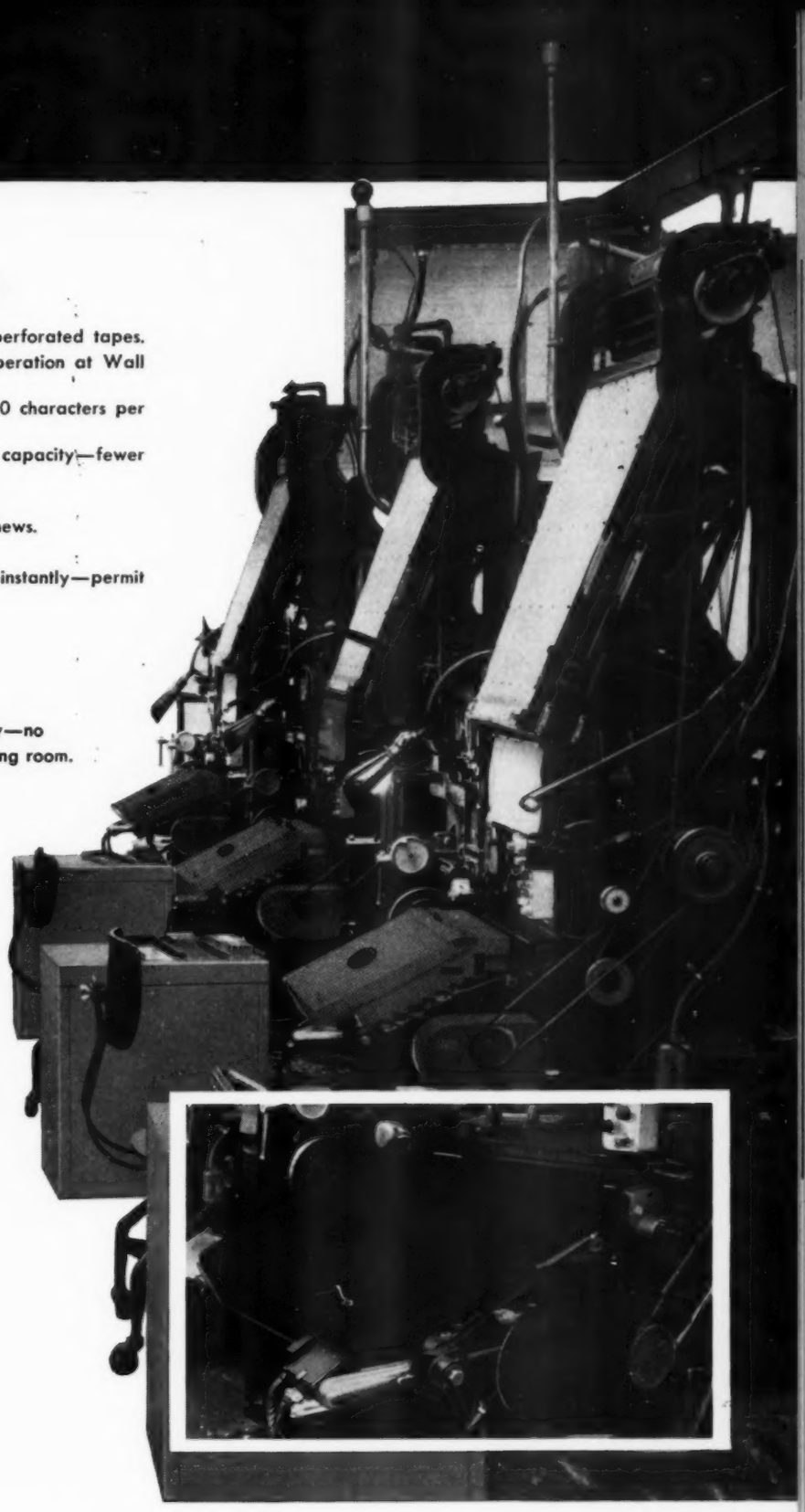


TAPE READER

May be located remotely—no tape required in composing room.

RCA TAPE COMBINER AND EDITOR

- Ideal accessory for automatic typesetting systems.
- Combines information from two tapes, producing from them a single combined tape.
- Permits adding to or changing perforated tape copy.
- Perfect for stock and bond exchange reports.



RCA

Tmk(s) ®

RADIO CORPORATION of AMERICA

INDUSTRIAL AND AUTOMATION DIVISION
DETROIT, MICHIGAN

Mail coupon below for further facts

Radio Corporation of America, Dept. N-343
12605 Arnold Avenue, Detroit 39, Mich.

I am interested in your equipment for_____

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NAME_____ TITLE_____

COMPANY_____

ADDRESS_____

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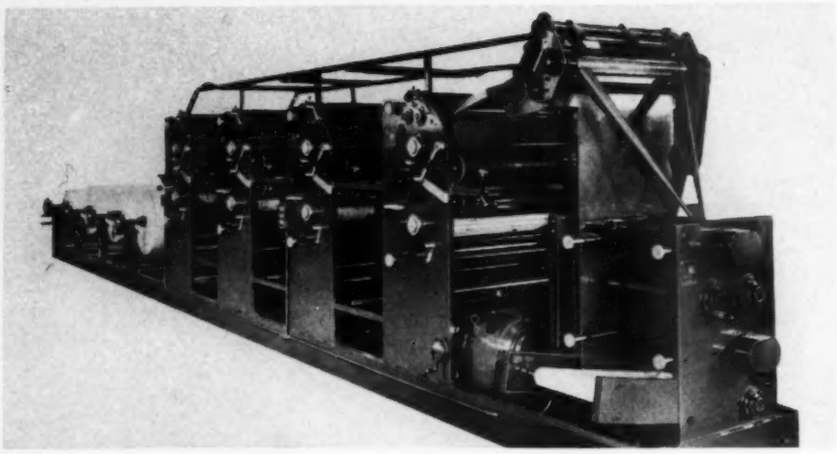
☐ Have RCA representative call.

For More Information Circle 253 on Reader Service Card



Vanguard web offset perfecting press, to be distributed by Orville Dutro & Son, is claimed to run a 32 page tabloid or 16 page standard newspaper at speeds up to 12,500 per hour.

Dutro Handles Web Offset Perfector

Orville Dutro & Son, Inc., has been appointed distributor of the new Vanguard web offset perfecting press designed for the smaller newspaper field. The press is intended for producing up to a 32 page tabloid or a 16 page standard size newspaper. Speeds are rated at up to 12,500 newspapers per hour. Manufacturer states changeover time from full size to tabloid or reverse can be accomplished in less than a minute.

The Vanguard, originally named the Gemco, is available in two, three or four perfecting units. Each unit will deliver four eight-column standard page newspapers or eight page tabloids. Two sizes are available. One, 31 in. wide, handles a standard 15½ in. by 22 in. page or an 11¼ in. by 15½ in. tabloid. The larger model is 36 in. wide and produces a 17 or 18 in. by 22½ in. standard page or a 17 or 18 in. by 11¼ in. tabloid page. The press is equipped with a former folder with jaw-type tuck. A quarter fold is being developed. No special foundation is required for the press.

Offset Process, Inc., Fort Worth, Tex., initiated development of the Vanguard for Staley McBrayer, president of the company and manager of a chain of small newspapers in the Dallas-Fort Worth area. Ghormley Engineering & Mfg. Corp. engineered and built both the test models and the standardized presses now in use, and will continue as the manufacturer, for Offset Process, Inc. Circle No. 288 on Reader Service Card.

New Name for Trade Assoc.

The Graphic Arts Trade Assoc. Executives changed its name to Graphic Arts Assoc. Executives at its recent annual meeting in Dallas, Tex. The word "Trade" was dropped from the title to clarify membership in the group of such organizations as Lithographic Technical Foundation, Research and Engineering Council, and others.

Herbert Livesey, National Assoc. of Printing Ink Makers, was re-elected president; Burdette Yeo, Graphic Arts Assoc. of Kansas City, was re-elected vice president; and William Gary, Printing Industry of Twin Cities, was re-elected secretary-treasurer. Directors are Robert Blundred, Screen Process Printing Assoc.; George Strebel, Printing Industry Assoc. of Western New York Inc.; Noel Rippey, Printing Industries of Philadelphia; and Tom Curran, Label Manufacturers Assoc.

Goss Webfed Offset Newspaper Press

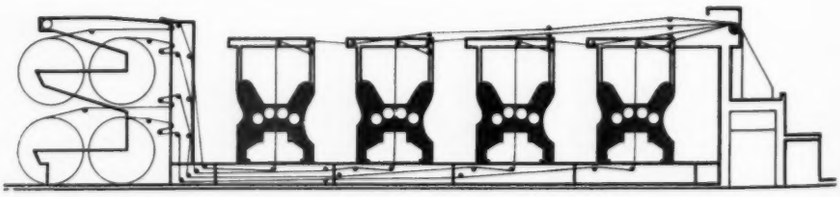
A webfed offset press intended for the publication of daily, weekly and suburban newspapers has been developed by The Goss Company, Div. of Miehle-Goss-Dexter, Inc. It will be known as the Goss Suburban Offset, and will consist of four-page units, roll stands, in-feed arrangements and folder.

The press illustrated is designed for producing a 16 page standard size or a 32 page tabloid newspaper. Additional units can be added to increase page capacity. Units can be superimposed for color. Folders can be provided to deliver standard broad sheet, tabloid, magazine, or a variable size product.

The Suburban will print blanket-to-blanket and no driers are required. Each page can be printed 8 or 9 columns wide with a 22¾ in. cutoff. Papers are delivered folded at speeds claimed to be up to 12,000 per hr. Non-coated 40 in. diam. roll stock is used.

Features include floor mounted unit construction requiring no pit, color flexibility, and an automatic lockup which Goss says will permit metal plates to be mounted in less than a minute. The same lockup can be used for paper offset plates. It is designed so that the pressman can reach all cylinders and adjustments from the floor level without interference from the web.

The ink feed system is said to be designed to supply a film of ink in direct ratio to the press speed. Sockets are designed to give an independent flat adjustment on all double contact rollers. Throwoff arrangement provided for the impression and ink feed system can be operated at each unit or automatically for all units from a central point. Circle No. 287.



Drawing showing unit arrangement of new Goss Suburban webfed offset press designed to produce a 16 page standard size or a 32 page tabloid newspaper. Additional units may be added to increase page capacity.

New Size Harris-Cottrell Web Offset

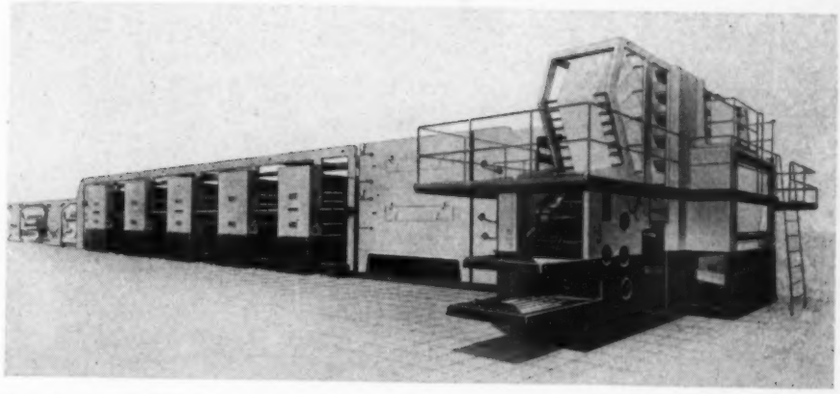
Another new size Harris-Cottrell web offset press has been reported by The Cottrell Company, Sub. of Harris-Intertype Corp. Manufacturer states the press is especially suitable for printing publications, catalogs and general commercial work.

The new press is a standard unit construction 35 in. by 50 in. perfector, available in any number of color units. It is based on an 8½ in. by 11 in. imposition around the cylinder and is designed for medium-to-long runs. It is offered with a choice of two types of folders. Speed of the new model is claimed to be up to 1200 f.p.m. or 24,720 i.p.m. on former folding and single-jaw folding.

The press is of blanket-to-blanket design, the blanket cylinders acting as impression cylinders for each other. Each unit will print, simultaneously, one-color on both sides of the web. A feature of the press is the cylinder arrangement which allows the web to touch on only one full-size idler unit between printings.

Variable speeds of the infeed rolls, located between paper roll and first printing unit, and of the chill rolls are said to permit coordination and balance of web tension between feeder and folder.

Safran Printing Co., Detroit, will receive the first of the new presses. Circle No. 286 on Reader Card.



New Harris-Cottrell 35 in. by 50 in. five-unit, two-web, blanket-to-blanket web offset press with jaw folder.

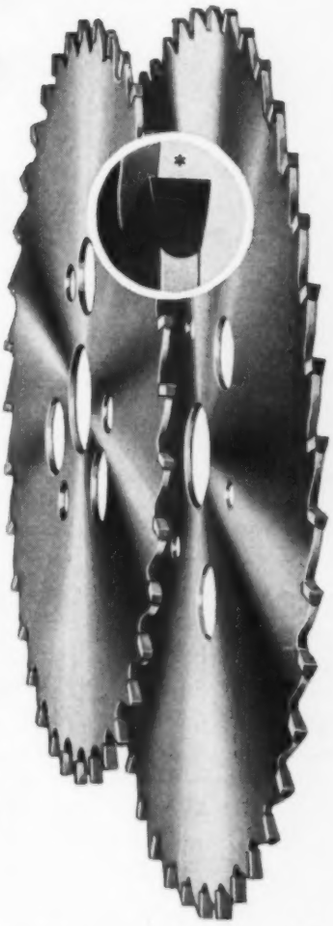
Sheridan Will Now Handle Magnacraft Mailroom Line

In a joint statement, Theodore S. Clark, president, T. W. & C. B. Sheridan Co., and John H. Morrow, president, Magnacraft Mfg. Co., have announced appointment of the Sheridan company as exclusive sales agents for all Magnacraft products.

The agreement covers both domestic and export sales. Service and parts sales of Magnecraft products, which are mainly for publication and newspaper mailrooms, will be handled through Sheridan district offices. Sales activities of both lines will be directed by William E. Seaman, sales vice president of Sheridan.

CARBIDE
PRINTERS'
"THINSAW"

Just $39.50 and YOU TRY IT FREE FOR 30 DAYS!



Here's a saw that's designed especially for your composing room! The patented, long-lasting carbide tips cut base, slugs and new alloys including Dowmetal, operating smoothly without scream, pileup or sticking. It's manufactured with as many teeth as saws costing much more . . . gives you cleaner cuts, freedom from burrs and excellent back rake cutting . . . without need for trimmer blades. Patented construction holds the carbide tips firmly against side thrust, while an extra strong braze secures them for life.

The Gay-Lee Printers' "Thinsaw" is standard in many large composing rooms, where it outlasts all others and soon pays for itself. Want proof in your own shop? Try a Gay-Lee Printers' "Thinsaw" at our risk . . . *absolutely free for 30 days.* If not completely satisfied, return it for full credit. You can't go wrong with this free trial offer, *so act now!*

(IMPORTANT: Please specify make of machine on which saw is to be used.)

GAY-LEE COMPANY
CLAWSON • MICHIGAN

*With Gay-Lee patented method of construction, brazed teeth with circular seat definitely will not break loose from saw body.

Patented—Manufactured under license.

CARBIDE SAW SPECIALISTS

For More Information Circle 65 on Reader Service Card

No other method of electronic engraving gives you

SCAN-A-SIZER'S EXCLUSIVE FEATURES

Only Fairchild electronic engraving is proven in the field by more than 6,000 daily and weekly newspapers

Scan-A-Sizer® puts a complete halftone engraving process right in your own plant – with most of the needed skills built in and electronically controlled. Look at these exclusive features:

ENLARGES OR REDUCES AUTOMATICALLY. Engraves direct from original copy, no intermediate steps. Reduces or enlarges continuously up to 4 times. Eliminates photo-copying. Produces engravings up to 12¾ x 16 inches.

SCREEN SELECTION. Choose either of two screens. Just set the screen selector. Typical newspaper combinations are: 60-85; 65-85; 65-100; 85-100.

TONE SENSITIVITY CONTROL. Simple 5-position adjustment brings out extra shadow, middletone or highlight detail – accentuates tones and brings out definitions, all with the twist of a dial.

STROBOSCOPIC MICROSCOPE permits you to see actual size of halftone dots as they are being engraved under your complete control. Assures highest quality engravings.

USE MOUNTED OR UNMOUNTED COPY to 18 x 22½ inches. Photos, drawings, pasteups, fabrics – any and all kinds of copy. Gang smaller pictures to common reduction or enlargement ratios with a single setting.

CONTROLLED DISTORTION OF EITHER PICTURE DIMENSION. Introduce "stretch or shrink" effects with a simple setting. An easy way to stylize illustrations or compensate for mat shrinkage. Develops strong attention getting values in your illustrations.

TOUGH, RESILIENT SCAN-A-PLATE®. Long-wearing Fairchild Engravings are made on a specially formulated material that can be flat mounted on wood, patent base or metal – or attached to curved stereos for top quality direct printing.

FAIRCHILD LEASE PLAN OFFERS SPECIAL ADVANTAGES. This feature conserves your capital dollars; protects you against equipment obsolescence and insures its maintenance in like-new operating condition.

SCAN-A-SIZER GIVES YOU full control over production, costs, delivery, quality . . . and the profits! For more information write now! Dept. 67, Fairchild Graphic Equipment, Fairchild Drive, Plainview, Long Island, New York.

FAIRCHILD GRAPHIC EQUIPMENT,

SCAN-A-GRAVER® • SCAN-A-SIZER®

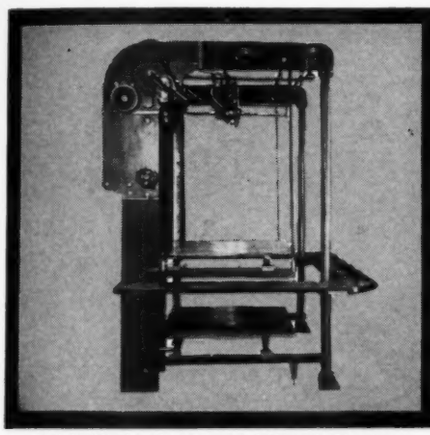
Electronic Engraving Machines

Div. of Fairchild Camera and Instrument Corp.

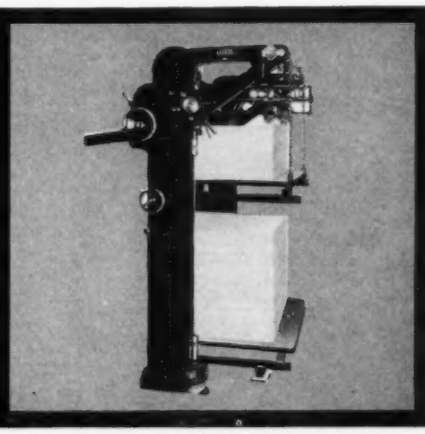
District Offices: Walpole, Mass.; Atlanta, Ga.; Chicago, Ill.; Los Angeles, Cal.; San Francisco, Cal.; Toronto, Ont.

For More Information Circle 58 on Reader Service Card

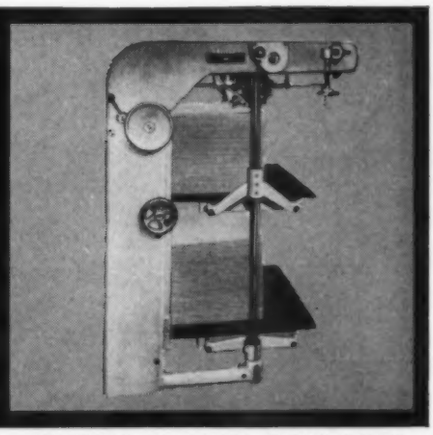
doesn't smoke, drink, play the horses or leave the room. It just keeps rolling along. You save up to $3,765 per year because the Elless feeder sticks to its job of higher production, lower costs. Designed for any flat-bed cylinder press, one of the popular models shown below will answer your feeding problem.



THE MODEL T64 ELLESS STREAM FEEDER is designed for presses taking larger than 56" sheets. Husky, strong and built to "take it" it sacrifices none of the flexibility and ease of operation characteristic of all Elless Automatic Stream Feeders. Handles any stock from onion skin to 45 point board.



THE MODEL T84 ELLESS STREAM FEEDER automizes the wide range of cylinder presses taking sheet sizes from 40" to 56". The two post construction of this model offers great space-saving advantages and also allows complete accessibility to the stock as it is loaded into the feeder and fed into the press.



THE MODEL T55 ELLESS STREAM FEEDER is built specially for smaller presses taking sheet sizes up to 40". For efficient feeding of high speed presses. Maximum speed is 7000 sheets per hour. Used around the world on high speed printing equipment such as offset presses and folders as well as flat bed cylinder presses, and silk screen presses.

IT PUT THE "PROD" IN PRODUCTION – The Elless automatic stream feeder eliminates production bottlenecks on your flat bed cylinder presses by insuring a steady, efficient feeding procedure. Whether your press is a Miehle, Babcock, three-color Sterling or other; there is an Elless feeder designed for you — ready to increase your profits and production. Write today for our analysis chart which visibly demonstrates your additional profit opportunities with an Elless automatic stream feeder.

TURNER PRINTING MACHINERY, Inc.

CLEVELAND	CHICAGO	DETROIT
6510 Euclid Avenue	732 South Sherman Street	6327 Linwood

For More Information Circle 200 on Reader Service Card

YOU ARE GEARED FOR PRODUCTION

with CONSOLIDATED

the 24" Process Darkroom Camera

CAMERAS..
in every size
for every use
and to fit every
BUDGET !

..if it's in the field
of Graphic Arts
CONSOLIDATED
will furnish the "Gear"

The PEARL 25

to FINISH

19"x 25"

The PEARL 25

The Consolidated Pearl, is a press that actually sells itself. The fine workmanship is recognized instantly. The size is ideally suited for the larger plants, the smaller and those in between. The capacity is built-in to outproduce all presses in its size range and many of the larger. Scores of Consolidated Pearl press owners have already installed their second and third press; proof positive of complete customer satisfaction. Consolidated's service, from the installation to the initial training and follow-up service, has gained recognition as the finest the industry has to offer. Parts availability through local Consolidated offices and centralized depots have kept hundreds of presses rolling, day in and day out. A steadily growing list of Pearl press printers and the unanimous acclaim and praise by its users, is your assurance that the road to success can be paved by buying Pearl presses.

now..the "CHAMPION" 27"x 39" 2-color offset
Of UNIT Construction

CONSOLIDATED INTERNATIONAL
EQUIPMENT AND SUPPLY COMPANY

New Main Office : 1030 WEST CHICAGO AVENUE - CHICAGO 22, ILLINOIS - Phone TAylor 9-3950..51

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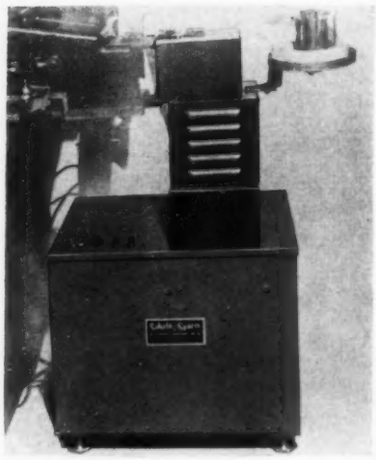
ELECTRONIC MAT DETECTOR

FOR TELETYPESETTER COMPOSITION

The Electronic Mat Detector actually pre-proofreads every mat before the line is cast. Errors due to bent or damaged matrices, dirty magazines, shortage of mats in channel, clogging of space band box chute, or faulty keyboard cam operation—none of these can occur with the Electronic Mat Detector on the job.

Selecto Spacer

Speeds Up Production of Teletypesetter Tape 10% to 15%



Startling new electro-mechanical device enables perforator operators to signal at end of line for thin or en spaces to be inserted between each word of the line when necessary for justification.

- Eliminates rolling-back of the tape to strike the thin space signal over the spaceband signal when thin spaces are needed.
- Eliminates rubbing-out of the entire line and re-typing when en spaces are needed.
- Eliminates approximately 75% of the rub-outs.

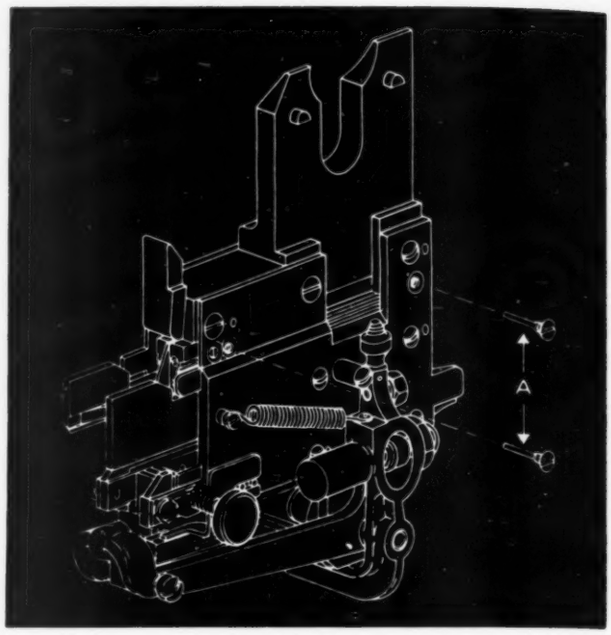
SHAFFSTALL EQUIPMENT, INC.
1717 Gent Avenue
INDIANAPOLIS, INDIANA

For More Information Circle 158 on Reader Service Card

STAR IMPROVEMENTS MEAN

LESS WEAR

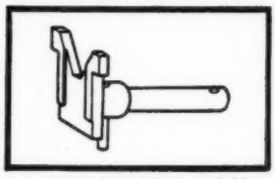
EASIER MAINTENANCE



New improvements in the Star Distributor Box and in the Matrix Shifter Buffer make maintenance easier and reduce wear.

Two special pins (A) hold the Distributor Box Bar in position. These pins are threaded and slotted on one end, and are easily removed when the Box Bar requires repair or replacement. This improvement also eliminates the possibility of box damage when driving out old style pins with a punch and hammer. All new Star Distributor Boxes now carry this improvement.

THE STAR DISTRIBUTOR SHIFTER SLIDE BUFFER (G-2845) is now made of a new, tough nylon of great elastic strength. This material is stable and will not warp in stock or in use. Its elasticity prevents twisting of the slide buffer, and eliminates the possibility of damage to second elevator bar teeth, should the shifter be in "Out" position as the bar begins to descend. This "ounce of prevention" can prolong the life of the second elevator bar, and reduce matrix tooth abrasion caused by rough second elevator bar teeth.



Precision TRADE ★ MARK Parts

STAR PARTS, Inc.
SOUTH HACKENSACK, N. J.

BRANCH: 1327 BROADWAY, KANSAS CITY, MO.
AGENCIES: CHICAGO • MINNEAPOLIS • LOS ANGELES • DENVER • SO. ACTON, MASS.
CANADA: PRINTING MATERIAL LTD. AND AGENTS OVERSEAS

For More Information Circle 168 on Reader Service Card

PRINTING INDUSTRY PATENTS

Covering patents issued September 2, 9, 16, 23 and 30.

All new patents for the Graphic Arts are reported exclusively for PRINTING PRODUCTION by Invention, Inc., an industrial patent research organization in Washington, D. C. Invention, Inc. presently has the only staff in the country that examines, in the U. S. Patent Office, the complete printed copy, drawing by drawing and page by page, every one of the several hundred new patents issued each week. PRINTING PRODUCTION is the only trade publication in its field offering a report based on this complete coverage. For copies of the patents listed here specify the patent numbers and send 25c for each separate patent, or 10c for each trade mark or design patent (stamps not accepted) to the Commissioner of Patents, Washington, D. C.

Composing Room:

MOLD FOR CONTINUOUS FEED STRIP MATERIAL CASTER

For attachment to a linecasting machine, this improved caster can make slugs formed with recesses on their opposite side faces. This reduces weight of the slugs. Ordinary slugs and slugs of different sizes may also be cast. Patent 2,849,767 by Andrew J. Sitton, assigned to Sitton Industries, Inc.

TRANSFER MECHANISM FOR TYPOGRAPHICAL MACHINES

For use with Linotype machines of the general organization represented by patent 436,532, this mechanism transfers matrices and spacebands to an upper transfer channel at the necessary high speed, in which transfer the spacebands are prevented from skewing by the matrices between which they are interspersed. The transfer lever is also returned to its normal position at high speed. Patent 2,852,131 by Paul Hilpman, assigned to Mergenthaler Linotype Co.

TYPE KNURLING MACHINE

Various knurling designs for large type face can be produced easily and at less cost with this invention. A carriage having one or more type slug supporting blocks is reciprocated beneath a turret which selectively positions the knurling wheel of a chosen design to engage type carried by the block. Patent 2,849,903 by Joseph P. Dorr.

Platemaking:

METHOD AND APPARATUS FOR BACKING ELECTRO SHELLS

Warpage of electrotype shells is obviated by the use of a stationary heated, thermostatically controlled support for the shell and yieldable fingers for pressing the shell onto the support while a molten backing metal is applied. Patent 2,849,768 by George W. Bungay, assigned to Electrographic Corporation.

MATRIX BENDING MACHINE

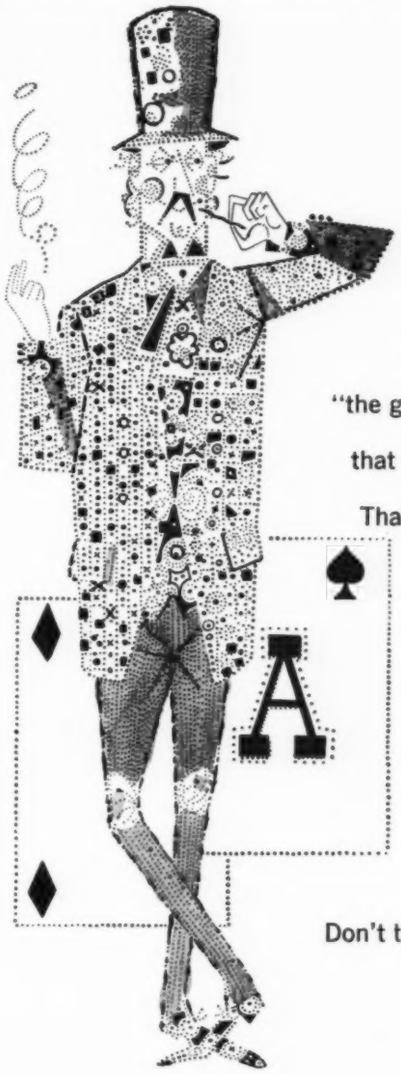
This simple, manually operated machine heats and bends newspaper matrices to straighten them. They will then be easier to handle, file or store. Patent 2,853,740 by Andrew J. Simpson.

AZIDE RESIN PHOTOLITHOGRAPHIC COMPOSITION

This is an organic solvent system producing etching resist stencils. Organic solvent-soluble colloids such as natural or synthetic rubbers are coated on a support and sensitized with aryl azides. After exposure, the unexposed parts are removed with trichloroethylene, benzene, etc. Patent 2,852,379 by Martin Hepher and Hans M. Wagner, assigned to Eastman Kodak Co.

METHOD—APPARATUS FOR HANDLING FRISKETING MATERIAL

Thin metal or shim stock is used instead of frisket paper by this method. The frisket material is removed in fixed position during inking of the plate by use of an electromagnet. After inking, the frisketing material can be redeposited in the exact position from which it was removed. Time and labor are saved in



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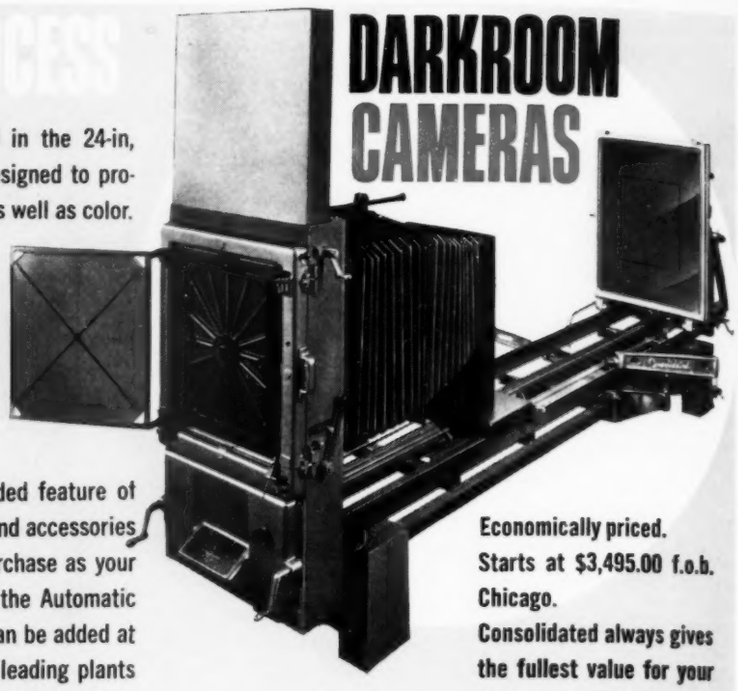

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furnishing engravers' proofs. Patent 2,-850,972 by Wayne P. Crawford.

METHOD OF COPPER PLATING

Cost of both the electroplating equipment and the processing of rotogravure cylinders is reduced by this invention. It uses an anode made of conventional electrotype metal which does not enter into the electroplating action. Very even copper deposition on the rotogravure cylinder is obtained with very little surface grinding required. Patent 2,852,450 by Elmore H. Mundell, assigned to R. R. Donnelley & Sons Co.

PLATEN MATRIX

This matrix arrangement is suitable for use with an apparatus of the type covered by patent 2,591,951. It provides for applying a decorative ink, paint or varnish to a supporting surface in a predetermined quantity and pattern through a platen which bears a perforated pattern. Patent 2,852,879 by Sydney M. Innerfield.

CONTROLLED ETCHING OF ALUMINUM AND ALUMINUM ALLOYS

Certain alkyl substituted aryl sulfonic acid compounds are used in alkaline baths to inhibit conversion and provide an etching process useful in preparing plates for graphic arts use. Patent 2,-853,372 by Louis McDonald and Dariel E. Miller, assigned to Kelite Products, Inc.

TWO-LEVEL PHOTOENGRAVED EMBOSSING PLATE OR MOLD

A first etching is made on a copper or zinc plate as known. Then the etched plate is re-coated with another flexible light sensitive solution to form a second sensitized covering which is exposed and processed by a regular photoengraving method. The first negative forms a primary design while the second is of a different background design. The completed plate is used for embossing or as a mold on which articles may be directly formed. Patent 2,854,336 by William J. Gutknecht, assigned to the Youngstown Arc Engraving Co.

RASTER SCREEN AND PROCESS FOR MAKING SAME

A raster screen made of plastic and useful in producing stereoscopic pictures is made by this photoengraving procedure. The mold is made by exposure of a light sensitive acid resistant emulsion on a metallic plate and subjecting the coating to repeated etchings. Each depression may then be hobbed out, or the depressions smoothed by an application of thermosetting resin. A plastic plate is made from the etched plate. Patent 2,854,337 by Henry F. Pearson.

Printing Presses:

PRINTING PRESS WITH COOLED CYLINDER

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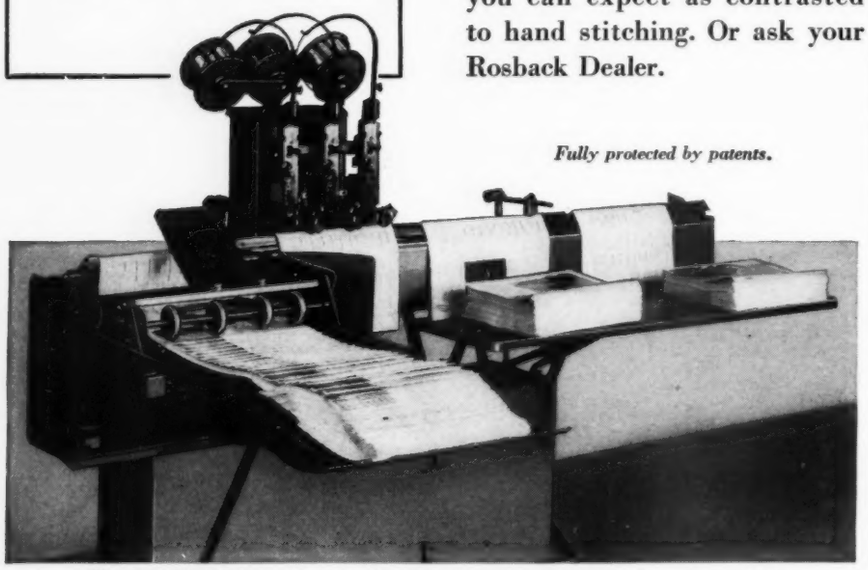

The Auto-Stitcher shown here is equipped with a third stitcher head, continuous belt delivery and second feeding station.

F. P. ROSBACK COMPANY • Benton Harbor, Mich.

WORLD'S LARGEST MANUFACTURERS OF PERFORATORS, WIRE STITCHERS AND PAPER PUNCHING MACHINES

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inder for all printing means such as in multicolor printing. Air or fluid is fed through the cylinder so it will not expand and lose registry accuracy while the ink is being dried by heat. Patent 2,849,951 by Harold H. Heinrich.

INK FOUNTAIN MIXER

This mixer is of the type using a conical mixing member which is reciprocated through a given distance while being simultaneously rotated about its axis. It is of unitary construction and is mounted on the printing press by a pair of spaced brackets which make it easily adjustable for use on different presses. Patent 2,849,952 by Harold W. Gegenheimer.

SCREEN TYPE PRINTING MACHINE

The machine is fully automatic and is adapted to handle small printing jobs as well as mass production requirements. No electrical devices are used to create fire hazards with the flammable liquids required in these machines. Patent 2,850,969 by Homer H. Ingersoll, assigned to Meyercord Company.

BLANKET CYLINDER LOCKUP

With this lockup, a blanket can be secured about the periphery of a blanket cylinder of an offset press with more uniform tension, especially at the intermediate portions of the blanket and where long reel rollers are used. This is accomplished by so constructing the blanket lockup that the reel rollers over their entire length bear, at their outer periphery, upon a rigid plate. Patent 2,850,970 by George R. Brodie, assigned to Fred'k H. Levey Co., Inc.

PLATE CYLINDER LOCKUP

This lockup assembly uses a thin metal sheet or plate, slotted at one end, which is replaceable from time to time to take care of wear or to accommodate a contemplated change in web thickness. The lockup mechanism is easily manipulated and incorporates a pair of jaws to clamp an impression cylinder into the slotted end of plate. Patent 2,850,971 by George R. Brodie, assigned to Fred'k H. Levey Co., Inc.

SCREEN PRINTING APPARATUS

In a screen printing apparatus of the type in which the stencil of a pattern is incorporated in a screen, this invention features a continuously operating screen printing machine adapted to use an endless flexible screen. The screen travels around pressure and guide rolls and the impression roller is arranged so that an arcuate zone of same supports the screen between the other two rolls. Patent 2,851,947 by William P. McCormick.

PLANOGRAPHIC DAMPENING APPARATUS

The apparatus may be applied to existing dampening mechanisms or used on a new press. It provides for more accurately regulating the amount of water applied to the surface of a fountain roll by cre-

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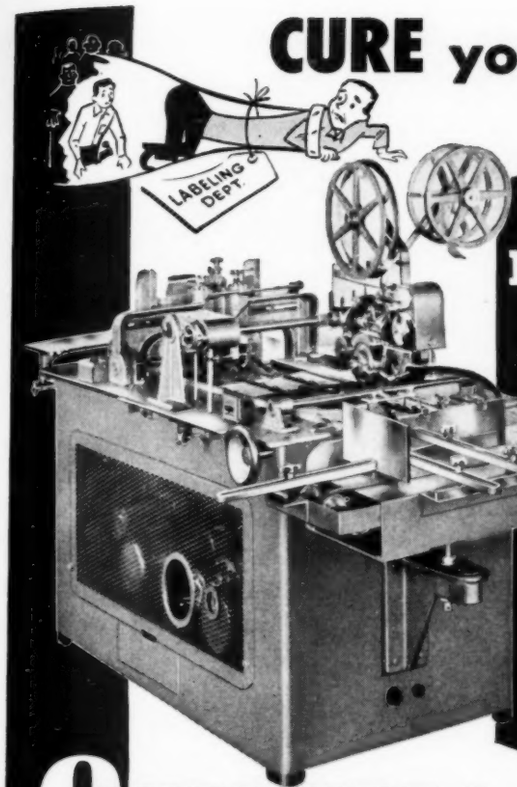

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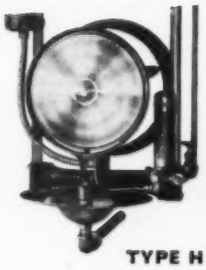
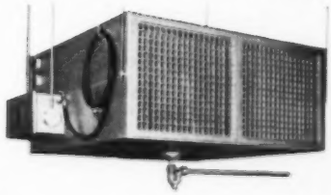


TYPE H



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PR-2

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ating and regulating the width of narrow moistened bands of water on the fountain roller. Patent 2,851,948 by Chester H. Lucas, assigned to William Gegenheimer Co., Inc.

TUBULAR PLATE PRINTING MACHINES

For use as newspaper printing machines, this construction permits conversion of a tubular plate machine to a standard machine, or vice versa, with the minimum substitution of parts. It consists of three frame structures, one a lower frame for supporting ink motion components and two interchangeable upper frames, one carrying a tubular plate and the other a standard plate. Patent 2,851,949 by Emory W. Worthington, Frank A. Foster and Charles A. Harless, assigned to R. Hoe & Co., Inc.

PRESSURE MEANS FOR ROTARY PRINTING PRESSES

For establishing separate contact pressures, according to the printing process required, this invention combines in one press a printing unit operating with intagliated plates and a second unit working on letterpress or another principle. In printing bank notes, bonds, stamps, etc., differences in register are eliminated by simple circular rings or races centrically secured on both sides of the impression cylinder. These rings cooperate with corresponding rings or races on the background cylinder. The press can also produce multicolored impressions in operating direction, which permits it to be operated with less wiper feed and saves ink. Patent 2,853,003 by Georg Kaldschmidt and Walter Heinemann, assigned to VEB Druckmaschinenwerk Victoria.

PATENT SEARCHES

For Patent Research in the U.S. Patent Office, or a prompt estimate on any type of search, write

INVENTION, INC.
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DAMPENING MECHANISM FOR SPRAYING PLATES

The dampening rollers of this invention have peripheral surfaces formed by a series of radially projecting fibers or nap. A bar bears down on the fibers, causing them to snap back to their normal arrangement as they emerge from contact with the bar. As each fiber snaps back, it ejects a fine spray against the printing plate. Where certain arcs of the cylinders do not require this film, the spray bars move out of contact with the nap surface. Patent 2,853,004 by John O. Sanker.

INK CONTROL DEVICE

This ink delivery control is for a rotating printing press of multipage width where page and columnar ink control originates from a panel remote from the fountain roller. It has separate actuators on the control panel which permit actuation of the page control to effect page shut off without resetting the columnar control. Patent 2,853,005 by Emory W. Worthington.

FOG GENERATING DEVICE FOR LITHO PRESSES

This plate dampener is smaller in size and costs less than present types. Air blown under pressure through a porous slab saturated with liquid produces a fog suspension. There is also a control to regulate saturation of the slab and keep the fog continuous. Patent 2,853,941 by Gotlieb H. Brandt and William H. Martin, assigned to Harris-Intertype Corporation.

INTAGLIO ENGRAVING PRESS WITH FEED FOR WIPING BELT

In a press feeder of the type covered in patent 2,662,471 by Gillis, this improvement detects when the seam of the belt is approaching the wiping pad and moves it to a position beyond the wiping pad so that the seam will not wipe the die. This is done with a separate motor which starts only when the seam is to be passed rapidly past the pad in one extra long feeding. Patent 2,853,942 by Edmund A. Gillis, assigned to The Cronite Co., Inc.

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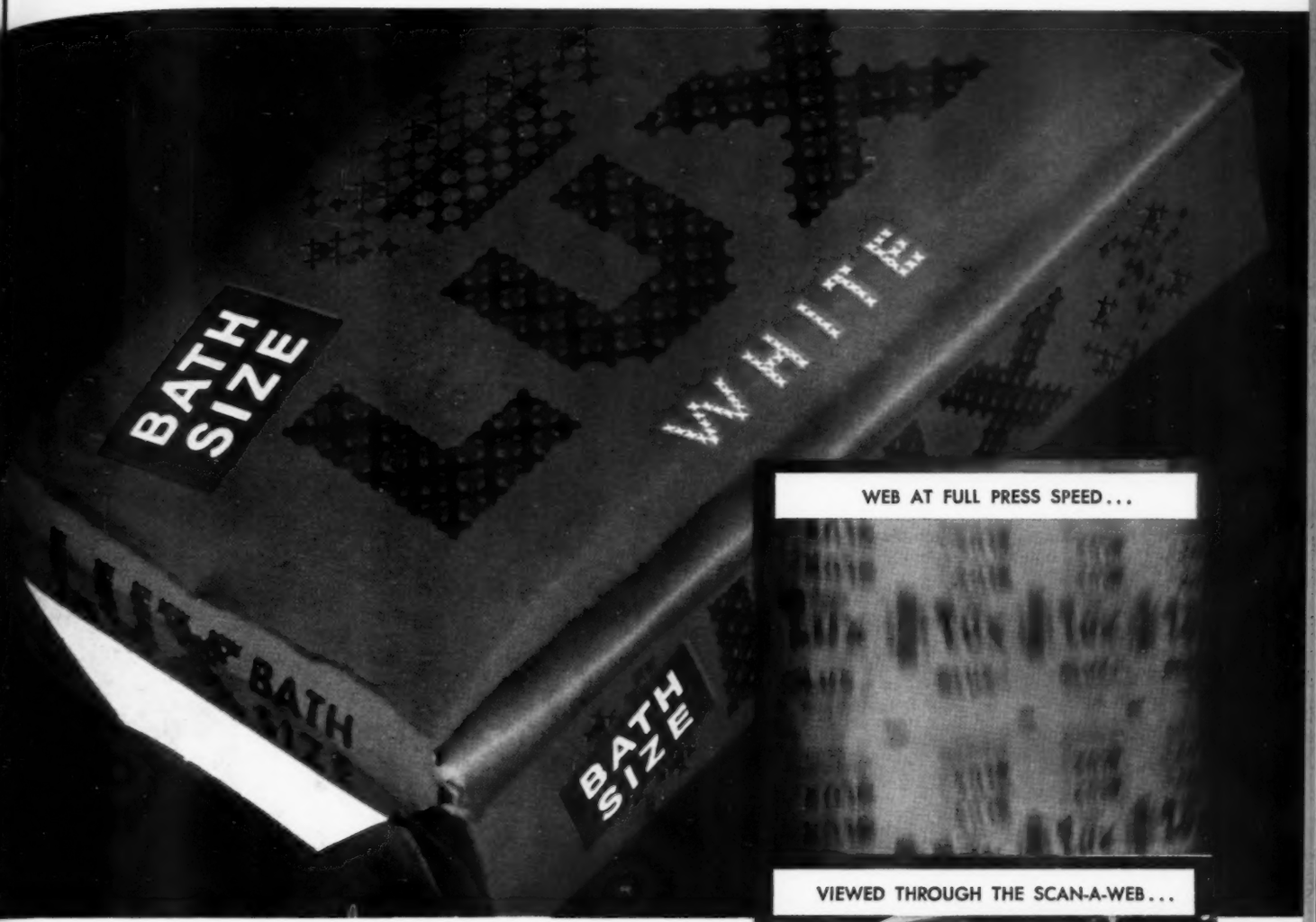

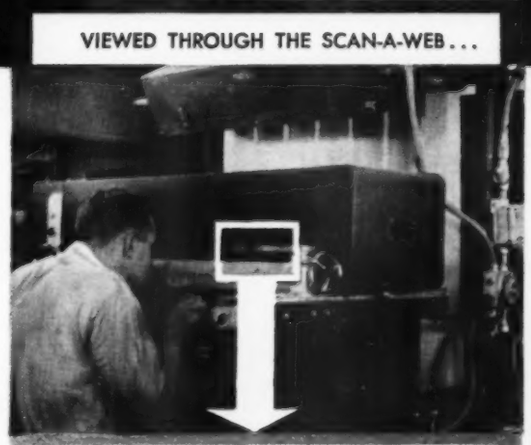

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NEWS ITEMS

Wade Griswold Dies—Wade E. Griswold, for 14 years executive director of the Lithographic Technical Foundation, died on October 19 at the age of 62. Griswold had been with LTF during a period of greatly expanding technical research when membership increased manyfold. He was forced to retire because of ill health last June. His numerous contributions and work earned him high respect in the lithographic field. During his career he was associated with Alco-Gravure and its parent company, American Lithographic. He is survived by his widow, Marjorie, and two children.

Fuller Succeeds Brannon—Elmer Fuller, production coordinator of the Cleveland *Press* recently was elected second vice president of the Great Lakes Newspaper Mechanical Conference. Fuller's election took place to fill the vacancy created by the resignation of Paul Brannon, former second vice president. Brannon resigned because of the press of duties in connection with the new Cleveland *Press* building and moving equipment from the old to the new plant during the next several months.

Herald-Traveler Executive Appointments—Frank Dassori, production manager of the Boston *Herald-Traveler*, has been named business manager of the newspapers. Announcement was made by Publisher Robert B. Choate. Dassori is a former president of the Great Lakes Mechanical Conference. Formerly, he was pressroom superintendent at the Detroit *Times*. Other production management changes were also announced by Choate. These are as follows: C. Stanley Whyte, president of Boston Typographical Union, was named production manager and composing room superintendent. Whyte succeeds Joseph Budai, recently resigned. Edward J. Mylett, president and business manager of the Boston Printing Pressmen's Union, is now assistant production manager of the two papers. Both Whyte and Mylett were employees of the *Herald-Traveler* when elected to union posts. Both have resigned their posts as officers of the unions.

DASSORI

WHYTE MYLETT

Inventor Passes—C. Otto Bachman, Graphic Arts equipment inventor, died recently in New York, N. Y., at the age of 69. Bachman designed automatic presses for printing dress patterns, several of which are among the largest single color offset presses in the world. Many of his machines were built by The Black-Clawson Co.

Williams with Beveridge—Rollo Lewis, sales manager of New Products Div., Beveridge Paper Co., announced appointment of Albert E. Williams as sales and service representative. Williams will cover states of Pennsylvania and New York with the exception of Philadelphia and New York City; other territory areas to be covered by Williams are New Jersey, Delaware, District of Columbia and Baltimore, Md. Williams was stereotype foreman of the New

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Orleans (La.) *Item* until that paper was acquired recently by the *Times-Picayune*. Williams is a member of the IS&E Union and has worked in a number of plants in different parts of the country. As soon as a suitable location can be obtained, he will move his family to a city in his territory.

Buys Book Publishing Firm—Controlling interest in the Bobbs-Merrill Company, of Indianapolis, Ind., and New York, N. Y., 120 year old book publishing firm, was acquired recently by Howard W. Sams & Co., Inc., Indianapolis, technical publishers. According to Howard W. Sams, Bobbs-Merrill will retain its present identity, and will continue with its educational, legal and trade book departments. D. Laurance Chambers becomes chairman emeritus and Col. Robert L. Moorhead becomes honorary secretary-treasurer. Sams will be chairman of the board.

Anniversary Calendar Critic—Jan van der Ploeg, Type Division sales manager and director of type design, American Type Founders Co., has been named by the Boston Craftsmen's Club as the 1959 critic for the Tileston & Hollingsworth Co. calendar. The calendar will honor the 50th anniversary of the founding of the Intl. Assoc. of Printing House Craftsmen. Van der Ploeg will present his critique of the calendar at a series of Craftsmen Club meetings beginning in February.

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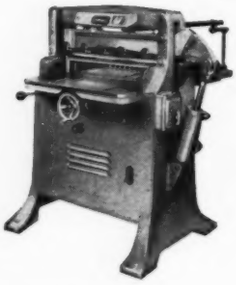
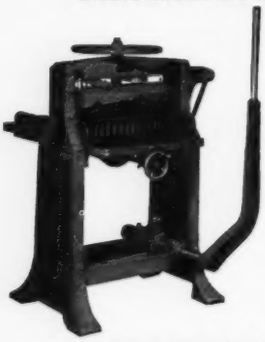
Full Hydraulic or Hand Clamp Models

C & P hydraulically operated cutters provide the advantages of hydraulic cutter operation at minimum investment. Bigger production with less effort for the operator is the keynote. Two operating controls require the use of both hands when making cut—safe, efficient. Features include illuminated tape magnifier and scales inserted in table. Except for operation of clamp, both hand clamp and full hydraulic models are identical in construction.





CRAFTSMAN 26½" LEVER CUTTER

Where power cutting is not required the C & P 26½" lever cutter handles an astonishing amount of cutting. Every feature of construction aids the operator. The knife bar linkage provides greatest possible cutting leverage. A counter weight balances the knife bar and keeps the knife from falling. Cut can be accomplished without undue reaching or stooping.

C&P BENCH CUTTER

This cutter is designed for installation on bench or cabinet. The knife cannot fall accidentally nor cutting handle be pulled down until safety lock is held open by operator's left hand at start of each cut. The cabinet is optional equipment. Two sizes: 19½" and 23". Cuts and trims sheets up to 19" x 24" or 23" x 24".

THE CHANDLER AND PRICE COMPANY
6000 Carnegie Avenue • Cleveland 3, Ohio
Manufacturers of dependable printing presses and paper cutters

For More Information Circle 39 on Reader Service Card

Receives Printing Scholarship—Otto Howard, left, president, Northwest Mechanical Conf., is shown presenting a $400 scholarship to the Printing School at Dunwoody Industrial Institute, Minneapolis, Minn., to Dale Frase, right, of Mora, Minn. The scholarship is the second consecutive one awarded by the Conference.

New Flint Appointment—Carl Jacobson, Minneapolis manager of the Flint Ink Corp., announces appointment of John Mackey to Flint's technical sales staff in Minneapolis, Minn. Mackey's 20 years' experience includes 15 years as an offset pressman and some time spent in technical service on inks and lithographic supplies.

MACKEY

JOACHIM

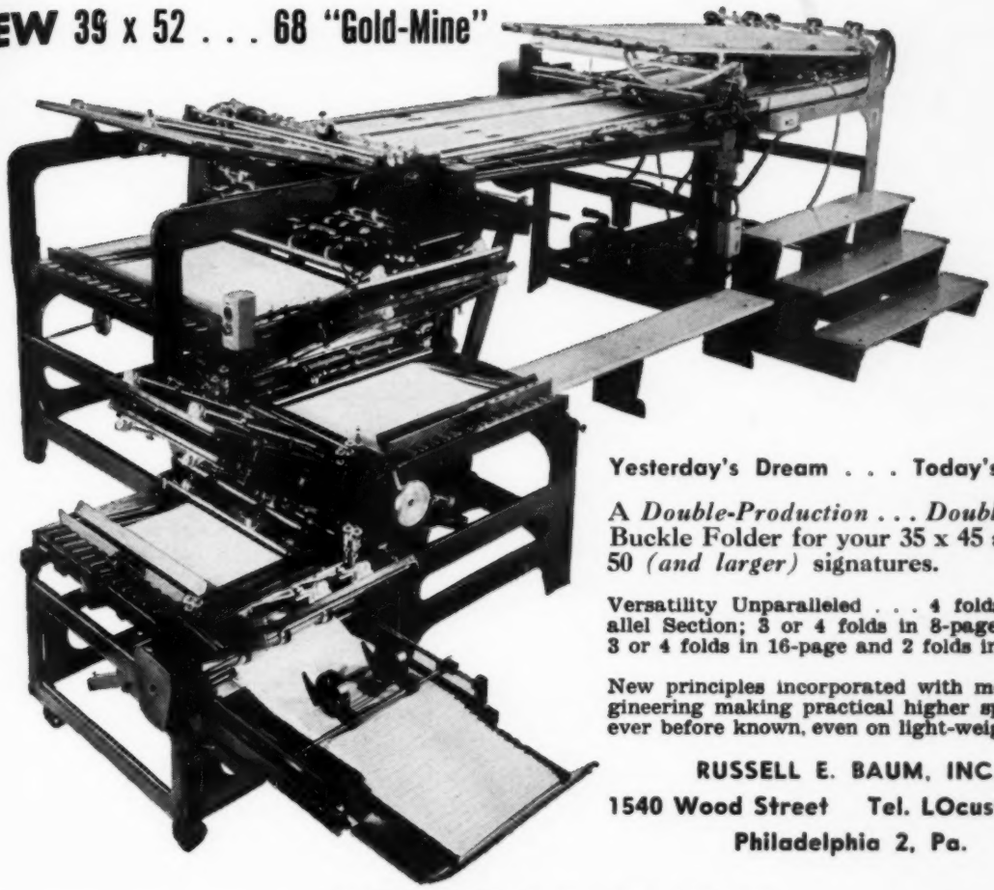
Honors Printing Publication Editor—Leo H. Joachim, editor and publisher of *Printing News*, a weekly covering the Graphic Arts field in metropolitan New York, was honored last month at a testimonial dinner. The occasion was Joachim's 40th year in the Graphic Arts. Co-chairmen of the dinner were Paul A. Bennett, Mergenthaler Linotype Co., and Dr. Robert L. Leslie, Composing Room, Inc.

New Business Manager—Robert F. Hancock has been named to the newly created position of business manager of the Chelsea (Mass.) *Record*. In addition to his present duties, he will have charge of purchasing, inventory, and the development of new business.

Riegel Paper Appoints—J. Tatnall Lea, jr., has been appointed to the newly-created position of manager of southeastern sales, Riegel Paper Corp. He will continue to be located at the company's Atlanta office.

Joseph Reilly Dies—Joseph Reilly, 88, chairman of the board, Electrographic Corporation, died Oct. 31 at Columbia Presbyterian Hospital Medical Center,

NEW 39 x 52 . . . 68 "Gold-Mine"



Yesterday's Dream . . . Today's Reality

A *Double-Production . . . Double Profit* Buckle Folder for your 35 x 45 and 38 x 50 *(and larger)* signatures.

Versatility Unparalleled . . . 4 folds in Parallel Section; 3 or 4 folds in 8-page Section; 3 or 4 folds in 16-page and 2 folds in 32-page.

New principles incorporated with modern engineering making practical higher speed than ever before known, even on light-weight stock

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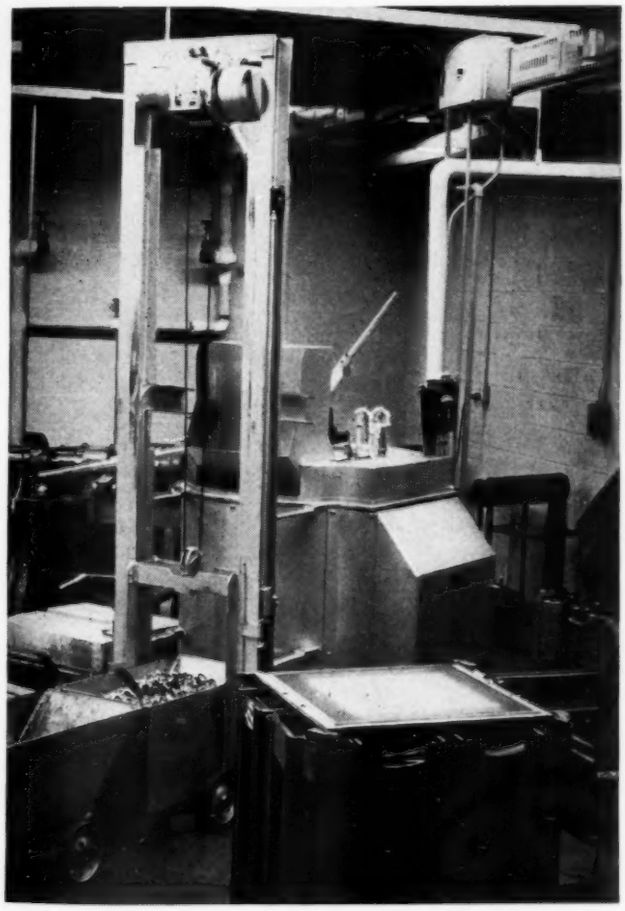


Cut labor costs with mechanized remelting . . .

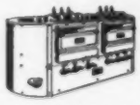
KEMP REMELT POTS AND AUTOMATIC METAL LOADER

The Kemp Remelt Pot with Automatic Metal Loader can save hours of time and labor . . . slash handling costs in remelt operations. Scrap metal is collected in the truck, then wheeled to the loader where a touch of a button lifts and gently slides it into the pot.

In the pot, Kemp's immersion heating principle . . . the application of heat from inside the pot . . . gives extremely even temperature distribution and cuts dross formation to raise production quality. Fast recovery rate increases capacity and speed of casting . . . cuts utility costs to the bone.

Your Kemp Representative will give you complete details on gas or electric heated Kemp Stereo and Remelt Pots. Or write direct for Bulletin IE-9. The C. M. Kemp Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.

KEMP OF BALTIMORE



Kemp Obround Stereo Pot

For More Information Circle 198 on Reader Service Card

New York, N. Y., after a short illness. He founded the Reilly Electrotype Co. in 1906 and the Electrographic Corporation in 1928. He was also founder and president of Oxy-Dry Sprayer and Powder Corp.

Lon Landers Dies—Lon S. Landers, 78, chairman of the board, Matrix Contrast Corp., died on Oct. 27. He had been with Matrix since 1927. His home was in Meridan, Conn.

New England Representative—Leo F. Kelleher has been appointed sales engineer in the New England area for R. Hoe & Co., Inc., according to W. McHenry Browne, vice president-press sales. Kelleher will make his headquarters in Boston.

JACOBSON

East Coast Representative—William V. Jacobson has joined the sales force of Tingue, Brown & Co., reports John W. Foster, jr., sales manager. Jacobson will cover Eastern Pennsylvania, Maryland, Delaware, Washington, D. C., and Virginia.

Supply Guild Representatives—Three representatives-at-large for the Intl. Printers Supply Salesmen's Guild have been named by Intl. Pres. Louis A. Croplis, American Type Founders Co., Inc., New York, N. Y. They are: Eastern representative, G. Thomas West, General Printing Ink Co., New York; mid-west representative, J. Gus Liebenow, Chicago; and West Coast representative, Bert L. Menne, Lithoplate, Inc., El Monte, Calif.

Two Promotions—National Publishing Co., Washington, D. C., has promoted Wade Harmon to assistant vice president for sales, and Charles Kligman to

HARMON

KLIGMAN

director of sales promotion, says L. C. Shomo, executive vice president. The company is expanding its sales program in conjunction with development of increased manufacturing facilities in its proposed new plant at Gaithersburg, Md., in 1960. Harmon is a graduate of Rochester Institute of Technology; Kligman graduated from American University.

Elevated in Sales—Promotion of Herbert E. Reading to mid-central area sales manager, duplicating products division, has been announced by Minnesota Mining & Mfg. Co. He is responsible for sales of Thermo-Fax copying products in nine midwest states.

Majestic Press Promotes—Bernard Green has been named executive vice president and general manager of Majestic Press, Philadelphia, announces Jack Green, president. This move is in line with plans for expansion based on installation of the firm's new web offset press equipment.

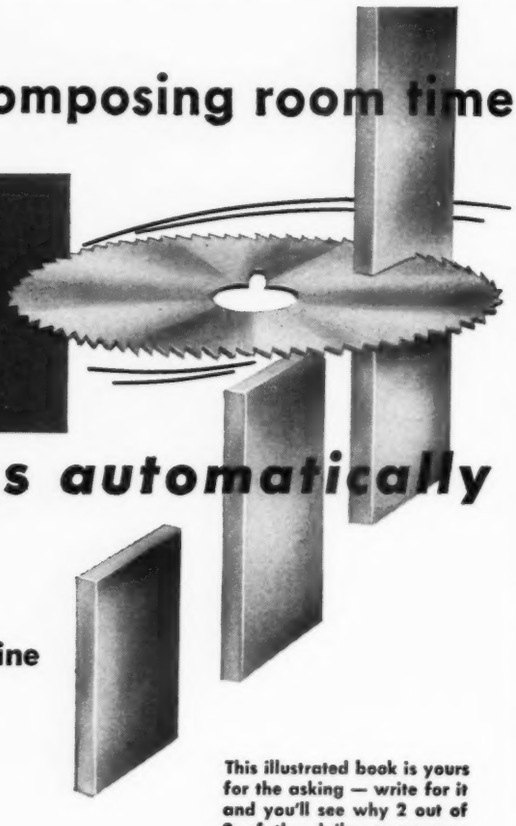
GREEN

MURPHY

New Duties Added—Ralph E. Murphy has been elected administrative vice president of Darby Printing Co., Washington, D. C., to supervise development of a newly-adopted organizational structure for the firm, Pres. Otis H. Johnson, announced. Murphy will also continue as treasurer.

SAVE composing room time

The Mohr Saw



saws slugs *automatically*

- **to *any* measure**
- **right at the machine**
- **without spoilage**

This illustrated book is yours for the asking — write for it and you'll see why 2 out of 3 of the daily newspapers in the U.S. use the time-saving Mohr Saw.

A Mohr saw, attached directly to your linecasting machine, will cut away the parasites that prey upon profits—walking time, waiting time, sawing time and jam-ups. All sawing is done right *at the machine,*—and you'll get a *better job* without spoilage.

Mohr LINO-SAW Company

8015 N. Ridgeway Ave., Skokie, Illinois

For More Information Circle 123 on Reader Service Card

MEETINGS for the PRINTING INDUSTRY

American Photoengravers Assoc. — 1959 Conv., Hotel Statler-Hilton, Dallas, Tex., Oct. 19-21. Exec. Secy. Frank J. Schreiber, 166 W. Van Buren St., Chicago 4.

ANPA Mechanical Conf.—1959 Conf., Hotel Morrison, Chicago, June 21-25. Mgr. Richard E. Lewis, ANPA Mechanical Dept., 750 Third Ave., New York 17, N. Y.

Book Manufacturers' Institute — 1959 Conf., Hotel Greenbrier, White Sulphur Springs, W. Va., Oct. 21-24. Secy. Miss A. G. Watson, 25 W. 43rd St., New York 36, N. Y.

Educational Graphic Arts Exposition—Coliseum, New York, N. Y., Sept. 6-12, 1959. Gen. Mgr. A. E. Giegengack, 5600 Massachusetts Ave., N.W., Washington 16, D. C.

Fifth District Craftsmen's Conf.—1959 Conf., Hotel Miami, Dayton, O., May 22-23. Secy.-Treas. George W. Thompson, Toledo Colortype Co., 1711 Jefferson Ave., Toledo, O.

Flexographic Technical Assoc. — Exec. Secy. Julian Ross, 220 W. 42nd St., New York 36, N. Y.

Graphic Arts Assoc. Executives — 1958 Conv., Hotel Plaza, New York, N. Y., Sept. 4-5. Secy.-Treas. William H. Gary, Managing Director, Printing Industry of Twin Cities, Inc., 2645 University Ave., St. Paul 14, Minn.

Gravure Technical Assoc.—1959 Conv., Drake Hotel, Chicago, Mar. 6-8. Exec. Secy. Edward S. St. John, Room 4800, 30 Rockefeller Plaza, New York 20, N. Y.

Great Lakes Mechanical Conf.—1959 Conf., Hotel Statler, Detroit, Jan. 18-20. Secy.-Treas. Don Clark, Stereotype Supt., Grand Rapids (Mich.) *Press*.

Illinois Newspaper Mechanical Conf.—Secy.-Treas. Arthur Kramer, Joliet (Ill.) *Herald-News*.

Intl. Assoc. Electrotypers & Stereotypers—1959 Conf., Hotel Biltmore, New York, N. Y. Sept. 7-10. Exec. Secy. Floyd C. Larson, 758 Leader Bldg., Cleveland 14.

Intl. Assoc. of Printing House Craftsmen—1959 Conv., Hotel Statler, New York, N. Y., Sept. 5-9. Exec. Secy. Pearl E. Oldt, 411 Oak St., Cincinnati 19, O.

Intl. Graphic Arts Education Assoc. — 1959 Conf., University of Colorado, Boulder, Colo., Aug. 2-7. Exec. Secy. Samuel M. Burt, 5728 Connecticut Ave., N.W., Washington 15, D. C.

Intl. Printers Supply Salesmen's Guild—1959 Conv., Hotel Statler, New York, N. Y., Aug. 28-Sept. 1. Secy. Charles S. Tompkins, Tompkins Printing Equipment Co., 1040 W. Grand Blvd., Detroit 8.

Intl. Typographic Composition Assoc.—1959 Conv., Hotel Park Sheraton, New York, N. Y. Sept. 9-12. Exec. Secy. W. E. Switzer, 1015 Chestnut St., Philadelphia 7, Pa.

Iowa Daily Newspaper Mechanical Conf.—Secy.-Treas. Paul F. Kamler, Mechanical Supt., Clinton (Ia.) *Herald*.

Kansas-Missouri Newspaper Mechanical Conf.—Kansas Gen. Mgr., Larry Miller, Kansas Press Assoc., 701 Jackson St., Topeka, Kans. Missouri Secy-Treas. William A. Bray, Missouri Press Assoc., 115 Walter Williams Hall, Columbia, Mo.

Lithographers and Printers National Assoc.—1959 Conv., Hotel Greenbrier, White Suhphur Springs, W. Va., Apr. 13-16. Exec. Dir. Oscar Whitehouse, 1025 Connecticut Ave., N.W., Washington 6, D. C.

Mid-Atlantic Newspaper Mechanical Conf.—1959 Conf., Shelburne Hotel, Atlantic City, N. J., Mar. 12-14. PNPA General Mgr. Richard Dew, 2717 N. Front St., Harrisburg, Pa.

National Assoc. of Litho Clubs—1959 Conv., Twin Cities (Minneapolis-St. Paul, Minn.), June 11-13. Exec. Secy. Fred A. Schulz, Buckbee Mears Co., Toni Building, St. Paul 1, Minn.

National Paper Trade Assoc.—1959 Meeting, Waldorf Astoria Hotel, New York, N. Y., Apr. 1-3. Secy. J. H. Londergan, 220 E. 42nd St., New York 17, N. Y.

In this new swing to Magnesium—this new name has earned confidence

It's the metal that's accurate and uniform. Magplate is precision guaranteed to plus-or-minus .0005″ gauge tolerance. This guarantees uniformity not only within each plate but also from one plate to another.

—with easy machinability—Magplate etches fast, cleanly, consistently, with powderless machine or conventional method.

—and with a hard surface—An *extremely* hard surface permits the processing of more mats from a single Magplate engraving.

M-1

Write today for descriptive Magplate folder.

Magplate photoengraver's metal is made from ultra high-purity magnesium, which is alloyed, rolled, machined, and finished *complete* by:

MAGPLATE DIVISION
Brooks & Perkins, Inc.

1958 W. FORT STREET
DETROIT 16, MICHIGAN

THE ONLY PRODUCER WITH AN INDEPENDENT SOURCE OF SUPPLY AND COMPLETE ALLOYING AND ROLLING FACILITIES.

For More Information Circle 25 on Reader Service Card

National Assoc. of Litho Clubs—1959 Conv., Twin Cities (Minneapolis-St. Paul, Minn.), June 11-13. Exec. Secy. Fred A. Schulz, Buckbee Mears Co., Toni Building, St. Paul 1, Minn.

National Printing Equipment Assoc., Inc. Secy. James E. Bennet, 140 Nassau St., New York 38, N. Y.

National Safety Council Printing and Publishing Section—1959 Meeting, Hotel Conrad Hilton, Chicago, Oct. 20-24. Staff Rep. Harry C. Johnson, National Safety Council, 425 N. Michigan Ave., Chicago 11.

New England Composing Room Executives Assoc. — Secy. Lewis R. Greene, Westerly (R. I.) *Sun*.

New England Newspaper Mechanical Conf.—1959 Conf., Hotel Statler-Hilton, Boston, Mass., Oct. 17-18. Secy.-Treas. Walter C. Crighton, Comp. Room Supt., New London (Conn.) *Day*.

Newspaper ROP Color Conf.—Secy. Arthur Brashears, American Assoc. of Newspaper Representatives, 141 E. 44th St., New York, N. Y.

New York State Capital District Mechanical Conf.—1959 Conf., Hotel Ten Eyck, Albany, N. Y., Jan. 17-18. Dir. Floyd Laurenty, Albany (N. Y.) *Times-Union*.

Northwest Mechanical Conf.—1959 Conf., Hotel St. Paul, St. Paul, Minn., Mar. 7-9. Secy.-Treas. Ralph N. Carson, Linecasting Instructor, Dunwoody Industrial Institute, 818 Wayzata Blvd., Minneapolis, Minn.

Real Type Casting—Miss Eurlyne Howell has been selected as Miss Perfect Type for 1959 to enhance Printing Week celebrations, Jan. 11-17, sponsored by the Intl. Assoc. of Printing House Craftsmen and cooperating Graphic Arts organizations. Miss Howell is shown with Gerald L. Flood (left), Santa Monica, Calif., Intl. Printing Week chairman; and Albert L. Kolb, Buffalo, N. Y., Intl. Craftsmen president.

Pacific Newspaper Mechanical Conf.—1959 Conf., Hotel U. S. Grant, San Diego, Calif. Sept. 25-27. Secy. Fred Moyer, Sr., 6630 Mayflower Ave., Bell, Calif.

Packaging Institute Assoc.—1959 Meeting, Hotel Statler, New York, N. Y., Nov. 16-18. Exec. Dir. Chas. A. Feld, 342 Madison Ave., New York 17, N. Y.

Printing Industry of America—1959 Conv., Hotel Waldorf-Astoria, New York, N. Y., Sept. 6-10. Gen. Mgr. Bernard Taymans, 5728 Connecticut Ave. N. W., Washington 15, D. C.

Research and Engineering Council—1959 Conf., Sheraton McAlpin Hotel, New York, N. Y., May 18-20. Managing Dir. Robert E. Rossell, 5728 Connecticut Ave. N.W., Washington 15, D.C.

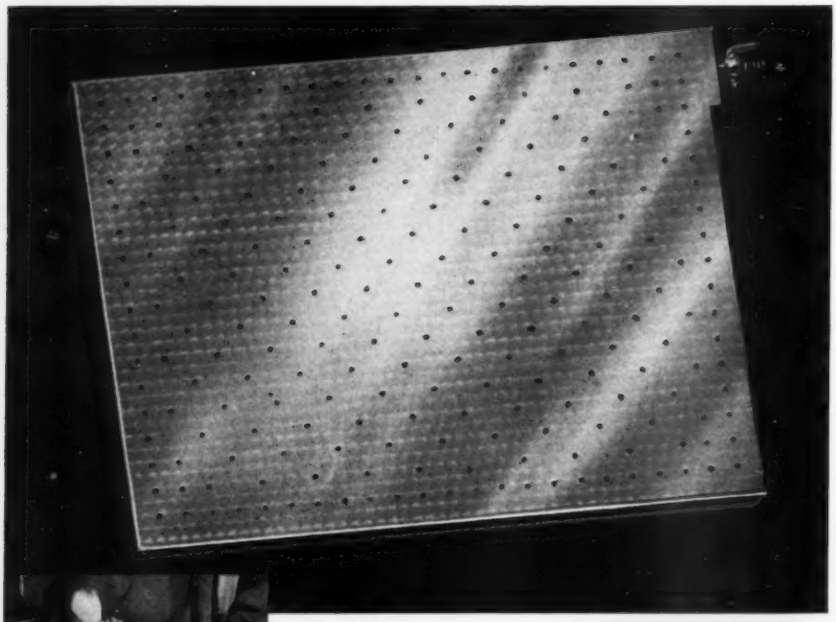
Screen Process Printing Assoc., Intl.—1959 Conv., Hotel Statler, New York, N. Y., Oct. 31-Nov. 2. Exec. Secy. Robert H. Blundred, 549 W. Randolph St., Chicago 6, Ill.

SNPA (Eastern Div.) Mechanical Conf.—1959 Conf., Hotel Dinkler-Plaza, Atlanta, Ga., Aug. 9-11. Secy. John E. Johnson, Southern Newspaper Publishers Assoc., P.O. Box 1569, Chattanooga 1, Tenn.

SNPA (Western Div.) Mechanical Conf.—1959 Conf. Hotel Texas, Fort Worth, Tex., Mar. 8-10. Secy. Claude V. Capers, P.O. Box 1569, Chattanooga 1, Tenn.

Southern Graphic Arts Assoc. — 1959 Conv., Hotel Robert Meyer, Jacksonville, Fla., Apr. 27-29. Secy. Charles E. Kennedy, 1514 South St., Nashville 2, Tenn.

Technical Assoc. of the Graphic Arts—1959 Conv., Hotel Manger, Rochester, N. Y., June 15-17. Secy.-Treas. B. L. Sites, 421 Sunnyside Ave., Elmhurst, Ill.



Showing plates being routed while held by Air-Grip.

Shows plates being held ready for proofing.

Showing plates, on paper cushion over chuck, ready for shaving.

Air-Grip VACUUM CHUCK

HOLDS PLATES FOR ROUTING PROOFING OR SHAVING

The only vacuum plate chuck for engravers, electrotypers, and stereotypers. Holds plates with atmospheric pressure (approximately 14 pounds per square inch) without clamping, locking or gluing.

To use, simply position plates on chuck. Apply vacuum and plates are gripped firmly. Then rout, proof or shave plates. When through, turn off vacuum and plates are released.

Saves time, money and materials. Efficient, economical and sensibly low-priced. Comes complete with vacuum pump. Write for folder and prices.

THE Monomelt COMPANY, INC.

1611 N. E. Polk • Minneapolis, Minnesota

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ENGINEERING FOR THE GRAPHIC ARTS

TO MEET GROWTH REQUIREMENTS

- *ANALYSIS OF PRESENT OPERATIONS*
- *REPORTS AND RECOMMENDATIONS*
- *PLANS AND SPECIFICATIONS*
  - *plant rearrangement*
  - *plant extension*
  - *new plant*
- *CONSTRUCTION MANAGEMENT*

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CHAS. T. MAIN, INC.

BOSTON, MASSACHUSETTS • CHARLOTTE, NORTH CAROLINA

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Capco PLATE GAUGE

This new lightweight gauge is designed for checking the thickness of Standard stereotype plates, tubular and flat plates.

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. . . . Place Gauge in any position to check plate. Uniform gauging is automatically assured by mechanical pressure, independent of operator.

. . . . Two-point gauging with accurate alignment, finds the thickness of the plate instantly and shows any deviation in thickness on a fixed—not passing—reading on the dial.

. . . . Checking occasionally with the CAPCO Gauge, helps: print a better paper, save replating, save costly press stops and to eliminate web breaks.

Write today for complete information

CAPITAL TOOL & MANUFACTURING CO.

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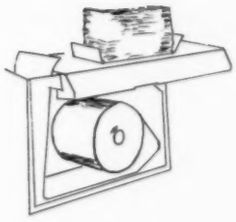
Combination Wrapper & Feeder in use at the Philadelphia Bulletin

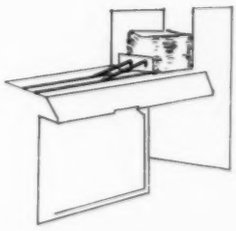
BULLETIN WRAPPER & FEEDER



Automatically wraps over 25 bundles per minute.

Bottom Wrapper Feeder

Accepts back-to-back bundle feed
Automatically spaces the bundles
Uses Kraft paper in rolls
Locates and cuts wrapper
Wraps 4600 bundles without refill
Completely safe and fully guarded



Feeds bundles as fast as tyer can produce

Tying Machine Feeder

Automatically locates bundle for tying
Produces single or double tied bundles
Automatically starts bundle tying machine
Low contour permits unobstructed view
Right hand or left hand models available
Used with any type of tying machine

The bottom wrapper feeder and the tying machine feeder are available either as separate units or as an integrated combination. Now you can automatically under wrap your bundles with Kraft and convert your manual feed tying machines to fully automatic operation. This equipment, developed and proven by the Philadelphia Bulletin is exclusively manufactured and distributed by

WIRETYER CORP.
65 LELIARTS LANE, E. PATERSON, N. J.

For More Information Circle 229 on Reader Service Card

EQUIPMENT & SUPPLIES

If you wish additional information concerning equipment, supplies, and/or technical literature, please make your request on *Printing Production's* Reader Service Card to be found in this issue.

Other New Equipment items may be found on Pages 75, 84, 85

Linotype's Trade Gothic Extended Available in Light and Bold Weights

Linotype's Trade Gothic family has been increased by the introduction of Trade Gothic Extended, a full bodied American Gothic available for machine composition, according to Mergenthaler Linotype Co. Light and bold weights in 7 pt., 8 pt., 9 pt., 10 pt., 11 pt., 12 pt., and 14 pt. sizes will be offered. Two sets of figures, one a regular extended and the other slightly condensed, will also be offered. The bold weight is duplexed with the light, with both alphabet lengths the same to permit changing from light to bold with no lost space when the heavier weight is required. Circle No. 284 on Reader Service Card.

DREISSIG

BRONZING MACHINE

KOMBI 10 V

Heavy Duty Flat Bronzing and Dusting Machine

• Will take up to maximum sheet size of 52" x 76

• The DREISSIG "KOMBI 10 V" is a high-speed machine intended for use in tandem with a printing press. To obtain bronzing speed as well as clean and well-burnished sheet, the number of burnishers and dusting bands have been increased to a total of ten dusting bands, 10 burnishers and 4 dusting-off rollers. This has been achieved by incorporating an additional unit free from suspended bronze.

• No dust in suspension to dirty the sheet. The dusting unit is separate from the Bronzer.

• Because pressure of the burnishers can be varied as a unit, fine adjustments can be made on the run. This makes it unnecessary to stop the machine to adjust each burnisher individually.

HENRY P. KORN

5 Beekman Street, New York 38,

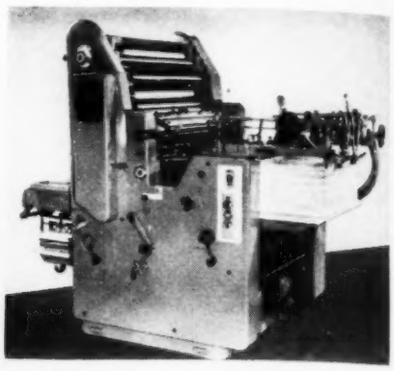
telephone: REctor 2-5808

Write Today for Free Descriptive Literature

For More Information Circle 98 on Reader Service Card

New Type Sheet Detectors For Improved Chief Offset Press

The new Model 1600 Chief 24 sheet-fed offset press is now equipped with a new type of sheet detectors, set closer to the head stops to check the sheet



within the gripper bite of 1/4 in. from the front edge. According to American Type Founders Co., the head stops are made of aluminum to help the press run more quietly.

A press speed indicator seen from the operator's side of the press can be watched while adjusting speed and checking press operation.

Another improvement is on the feeder pile lift. When the feeder suckers have taken the sheet, the air stream to the two outer pipes is shut off and goes instead to the two middle pipes to separate the full length of the sheet from the pile before it is forwarded. This stronger blast, says ATF, provides improved sheet separation resulting in better paper feeding. Also, springloaded caps on blanket and impression cylinders give the machine a smoother run and eliminate roller streaks, reports the sponsor. Circle No. 253 on Reader Service Card.

Image Reverser Camera System For Engraving and Deep Etch Work

A system for image reversing, using the Klimsch reverser, is available on new Robertson screw-driven Comet and Tri-

ROBERTSON IMAGE REVERSER CAMERAS

color cameras. Sponsor says these reverser cameras, with color precision, provide means for a laterally reversed right reading negative for photoengraving and deep etch offset-lith fields. Qualities claimed are: Highly accurate image reversal; automatic filter wheel, remote control; 24 in. Rodenstock Apo-Ronar lens; electric copyboard movement, vertical and horizontal with darkroom control; straight-on exposures possible; remote control automatic flash lamp; entire unit enclosed in metal housing; for image reversal on stable base film or glass plates. Circle No. 293 on Reader Service Card.

Imperial Dross Drum Dumper Helps Eliminate Dust in Plant

Imperial Type Metal Co. has developed a dross drum dumper claimed to eliminate dust usually present when dross is dumped into the drum from the remelt pot. The dumper cover is constructed of welded steel and is said to withstand rough treatment when dross is dumped into a standard size metal drum. Top hinge is designed to prevent jamming due to dross accumulation on the hinge. A cover handle is for interchangeability from one drum to another. Circle No. 285 on Reader Service Card.

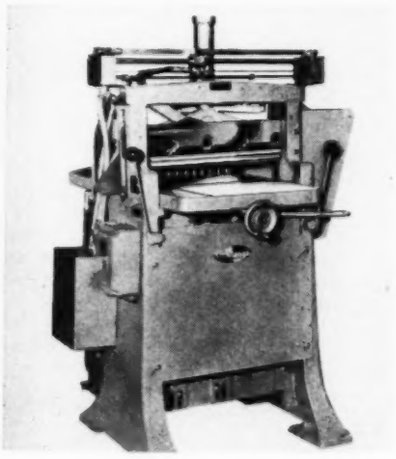
Varn Rubber Roller Wash Incorporates Three Features

Varn V-120 roller wash, produced by Varn Products Co., Inc., is said to combine a detergent action to dissolve gum, dirt, and sprays; a washing action to remove ink and dried pigment both from roller surfaces and from inner pores; and an action to rejuvenate dead rubber. It can be used on rubber, synthetic and composition rollers. Circle No. 264 on Reader Service Card.

Automatic Positioning of Back Gauge for 19 in. Paper Cutter

A 19 in. power paper cutter with power back gauge and automatic spacing features has been announced by Challenge Machinery Co. Manufacturer states the unit was developed to meet the need for faster, more automatic cutting in connection with check personalizing and imprinting jobs. It is also applicable to general label work and other jobs where repetitive cuts are required.

The power back gauge operates from a pre-punched tape. When each cut is completed, the back gauge automatically moves to the next cutting position. As soon as the series of cuts is completed, the back gauge automatically returns to the original starting position ready to receive another lift of stock. No manual repositioning of the back gauge is required.



The paper cutter also can be operated with manual control of the back gauge for use on other jobs. Circle No. 261 on Reader Service Card.

Silk Screen Process Inks Added to Holland Ink Line

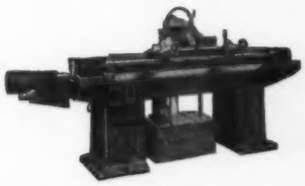
Three types of silk screen process inks are being offered by Van Son Holland Ink Corp. of America. Fifteen colors are available in matte, for printing on paper and cardboard; fast dry gloss, for printing on paper and cardboard; or Synthetic High Gloss Enamel, for printing on metal, wood, glass, or where a high gloss, flexible finish is desired. Circle No. 263 on Reader Service Card.

Red Contrast Stereo Mat Designed for d. p. Color Work

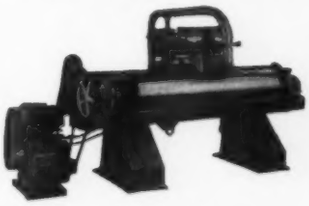
New Products Div. of The Beveridge Co. has developed what is called Red Contrast Mat for baked-on direct pressure molding. Because of the contrasting red color of the printing image against the white background, the molded mat is easily read. The contrast is produced during the baking time through action of heat and pressure. Sponsor states the mat will stand an indefinite number of casts

SPECIAL GRINDING, POLISHING AND DIAMOND LATHE EQUIPMENT BUILT BY

Schwede

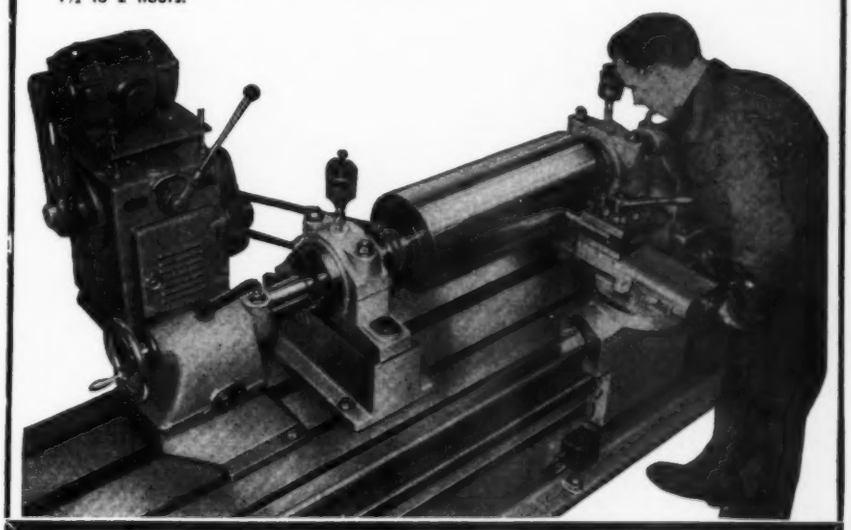


Doctor Blade Grinding Machine



Copper Cylinder Grinding and Polishing Machine

This lathe serves to turn cylinders along their full width so that they are exactly cylindrical; this is of fundamental importance for an even impression and exact register in multi-color printing. Cylinders with a new copper deposit are first turned with hardened steel, then they receive precision turning with a diamond. The diamond produces such smooth surfaces that the cylinder only needs slight polishing to be ready for etching. The depth of the cutting (4 ten thousandth to 6 thousandth of an inch) can be set exactly by means of a measuring instrument (micrometer) on the diamond holder. The cylinder diameter can be determined to 4 ten thousandth of an inch. Working time for a cylinder up to 79" cylinder length: about 1½ to 2 hours.



HENRY P. KORN

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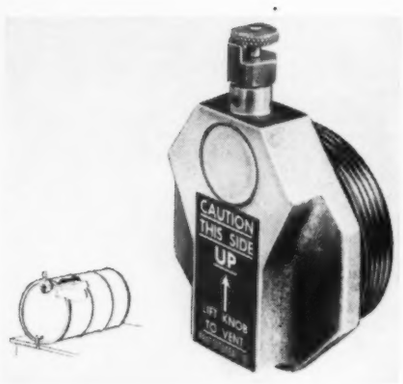
For More Information Circle 216 on Reader Service Card

with or without vacuum. The mat is also announced as being properly seasoned and is ready for immediate use when received by the customer. The Red Contrast Mat may be obtained in two types—one for flat casting and the other type for curved plate casting. Circle No. 294 on Reader Service Card

Vent for 55 Gal. Drums Introduced by Protectoseal

A drum vent for end bung installation, designed to provide protection for 55 gal. steel drums with 2 in. bung openings located in the head when drums are in a horizontal position, has been announced by Protectoseal Company. Automatic pressure relief against interior vapor



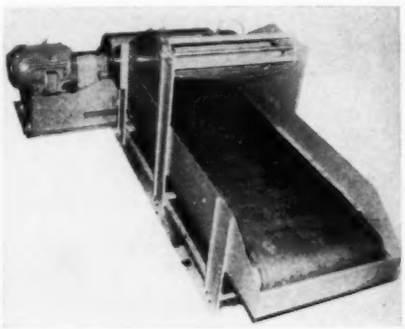
build-up is provided by a valve which opens at 5 lb. p.s.i., and a fusable plug melts at 135 deg. F. to provide quick emergency pressure relief in event of fire. Circle No. 267 on Reader Service Card.

Designs Special Container For Use with Padding Cement

A can for use in padding operations, which allows the printer to leave the brush in the padding cement at all times, is available from Dearborn Letter Service. It holds 1¾ qt. of padding cement. The chimney keeps brush handle upright while can is carried or stored. To use, remove the cover, wipe the excess cement off of the brush on the 5 in. wiping bar and replace cover when finished. Circle No. 268 on Reader Service Card.

Balemaster Hogger Designed For Air-Conveying of Paper

Balemaster Div., East Chicago Machine Tool Corp., has introduced hoggers designed specifically for chopping paper and paperboard into sizes that can be air-conveyed to a baler or beater. The new models (one shown in picture) are capable of hogging up to 10 T. per hour of corrugated board, upright corrugated boxes, books, magazines, and paper cores



up to 5 in. diam. The chopped or macerated material is flushed out of the hogger by a stream of air and can thereafter be carried by pneumatic pipes to any desired point.

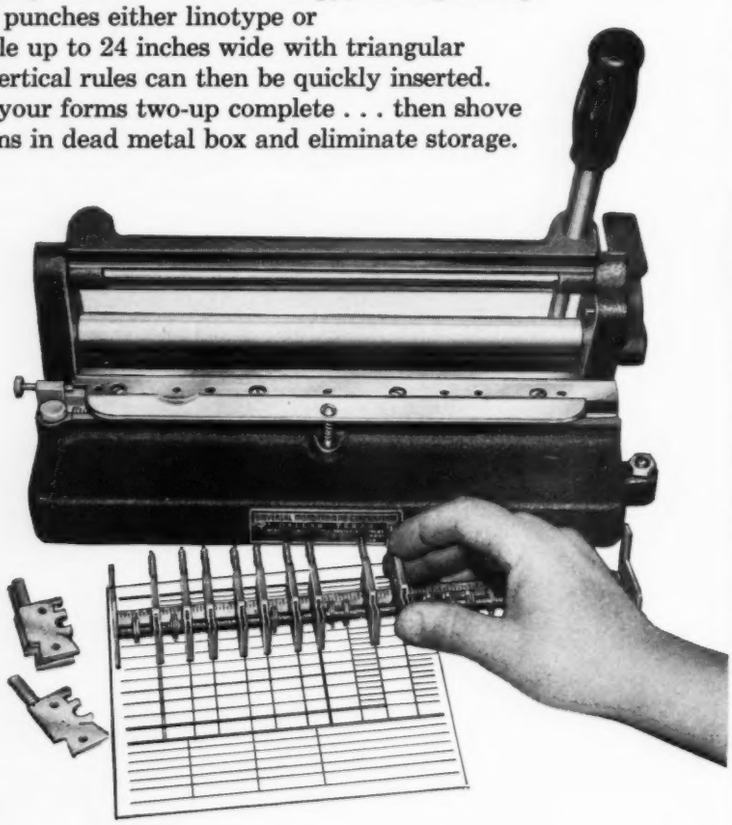
Three standard sizes are available with 36 in., 48 in. and 60 in. wide feed openings and powered by 25, 50 or 75 h.p. motors. All motors are machine mounted and do not require separate bases or drives. Circle No. 255 on Reader Service Card.

File Cards Used as Copy In Photocomposition System

File cards are used as copy in a new photocomposition system announced by Vari-Typer Corp. A variety of publications may be produced from the same set of cards. Each line of copy is typed on a sortable card such as used in elec-

ruled form composition made easy !

The Honig Multiple Broach permits rapid setting of punches by direct contact with copy, for registering. Broach punches either linotype or strip rule up to 24 inches wide with triangular slots. Vertical rules can then be quickly inserted. So run your forms two-up complete . . . then shove the forms in dead metal box and eliminate storage.



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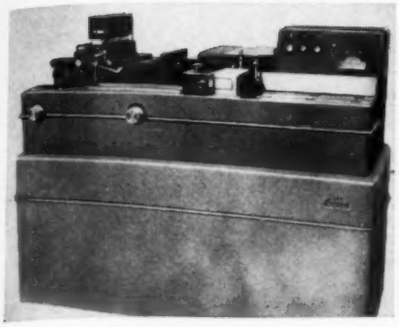
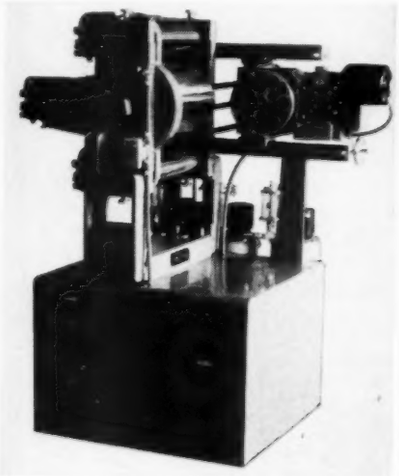


tric accounting machines. Before publication, the cards may be run through tabulating or sorting machines and positioned as required for publication. An automatic counting machine and addition of specially color coded cards comprise page makeup. The cards are then placed in the Foto-List camera which automatically photographs each line and produces negatives in galley form.

In a typical use of the system, a catalog, price list, parts list, and a stock list were obtained from a set of cards containing parts numbers, prices and descriptions. Cards necessary for publication of a 100 page directory are contained in four card file drawers. Speed of the camera is said to permit production of an average single column page negative in approx. ½ min. Circle No. 256 on Reader Service Card.

Rotary Flexographic Printer For Containers and Drums

The Cosomatic Rotary Flexographic Printer, made by Cosom Engineering Corp., is designed to print on side walls of containers, tumblers or drums. It is said to handle open end containers with tapered as well as straight walls, and containers with flanged or flared openings. One, two, or three colors can be printed simultaneously. Sponsor reports speeds up to 4000 pieces an hour.



Printing towers are gear driven. When printing operation is interrupted for adjustments, inking and transfer rolls continue to rotate. The rotary loading turret (illustrated) features multiple spindles which can be loaded and unloaded at the same time the machine is printing. Machine is said to be adaptable to automatic feeders or take-off attachments. Circle No. 278 on Reader Service Card.

Photoelectric Web Break Detector Introduced by Crosfield Electronics

A photoelectric web break detector, claimed to stop the press and eliminate wrap arounds when a break is detected, has been announced by Crosfield Electronics, Inc., and in the case of gravure rotaries, the detector can be arranged to raise the impression cylinder to prevent damage, states Crosfield. Unit is also claimed to be explosion proof. According to sponsor, special circuitry ignores small

holes in the web or changes in paper thickness to prevent false stops. Scanning

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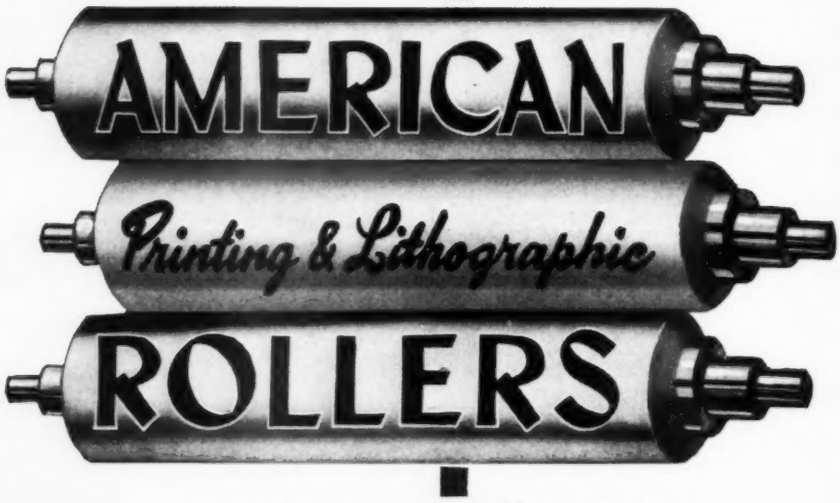

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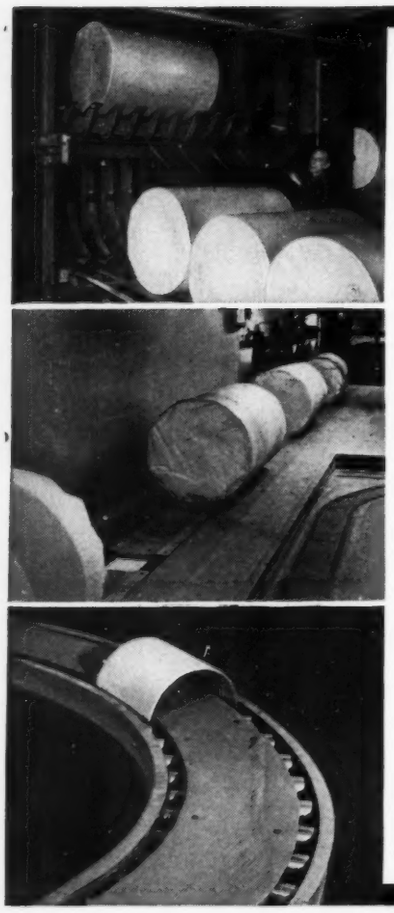

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For More Information Circle 71 on Reader Service Card

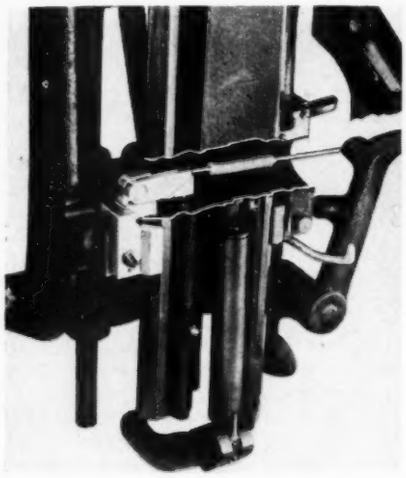
head is equipped with a lamp and photocell. Lights at each unit show pressman when heads are set, and when a break occurs, the location is seen from the warning light. Units may be mounted at the reelstand, folder or near each cylinder. Detector has no physical contact with the web. Circle No. 283 on Reader Service Card.

Universal Dampening Roller Requires No Roller Covering

Development of the Universal dampening roller, designed to require no roller covering, has been announced by Universal Rubber Roller Co. Made of a new rubber compound, these dampening rollers are left in contact with the plate at all times, states the sponsor. They can be left on and washed up with the regular press washup device. These rollers can be made for any press and can be applied to the cores now in use. Circle No. 295 on Reader Service Card.

Star Parts Slug Jogger Attaches to Elevator Slide

A new slug jogger has been announced by Star Parts, Inc., which moves each slug a uniform distance to the left in the galley. It is actuated by the first elevator slide instead of the justification lever. As a safety, an overthrow spring



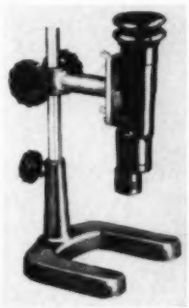
expands to allow the machine to complete a normal cycle in event of an interference which prevents slug movement. With the exception of machines equipped with Mohr saws, the Star slug jogger can be attached to all Linotype and Intertype machines. Circle No. 257 on Reader Service Card.

Armotex Composition Leather Suitable for Bookbinding

Armstrong Cork Co.'s composition leather, Armotex LN-862, suitable for use in bookbinding and other places where natural leather is now used, will be distributed by the Davoe Corporation. The material is made of 100% top grade leather fibers bonded together with a specially developed binder. It has a smooth face which can be embossed. Circle No. 265 on Reader Service Card.

New Erect Image, Low Power Microscope Available

The new Erect Image Microscope, made by Edmund Scientific Co., is said to be suitable for such Graphic Arts applications as checking engravings and press sheets. It measures 6 in. long; base is 4½ in. by 4½ in. in lowest position. Basic scope is 5X at a working distance of 11 in. and field diam. of 1¾ in. Other powers of 10X and 20X are provided by lenses mounted in cells that slip over basic objective lens. Circle No. 276 on Reader Service Card.



New Photographic Paper Speeds Production of Color Separation Prints

A new photographic paper, designed to speed production of color separation prints from color negatives for newspapers and other publishers, has been introduced by Eastman Kodak Co. Known as Resisto Rapid Pan Paper, it is used with filters to provide black and white prints from Kodacolor or Ektacolor negatives. It is claimed each separation print translates the values of one color in the original. From these prints, engravings are made and printed with appropriate color inks. The combination produces a color illustration, states Kodak. It is reported speed of paper is

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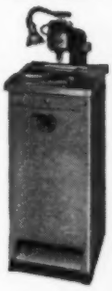

Morrison Router and Type High Planer

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Double-duty machine, providing accuracy and speed in routing, plate corrections, type-high planing for composing rooms, engraving plants, electrotype foundries.

Morrison Plate Beveler

Important for engraving plants, the Morrison Plate Beveler cuts perfect burr-free shoulders on any square engraving in seconds! Safe, works from *edge* of plate, not top; no possible contact between cutters and fingers, no flying chips. Soft leather protects plate face.

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satisfactory for use with most tungsten light enlargers. Resisto Rapid Pan emulsion is coated on water resistant stock, which has a smooth white lustre surface suitable for retouching. Paper is available from Kodak professional and Graphic Arts dealers.

Skid Resistant Floor Covering Designed to Stop Accidents

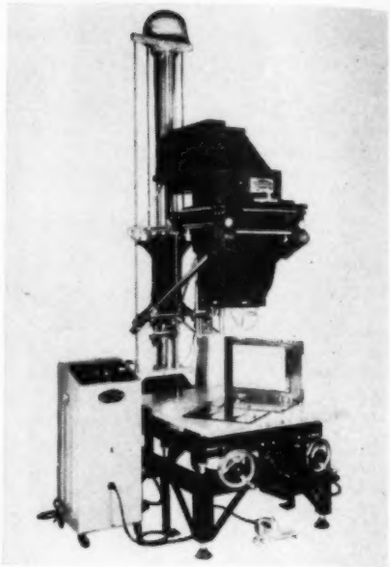
A powder compound and a special liquid binder have been developed by the Stonhard Company, Inc. for resurfacing floors, stairs, ramps, metal catwalks, and stair treads.

Stoncap provides slip resistant qualities which are designed to stop floor accidents. Claimed to be long lasting, it is highly resistant to greases, oils, fats, brines, and alkalies. Its resiliency leads to greater comfort while walking or standing and cuts down fatigue.

Stoncap is announced as being ready for foot traffic as soon as 5 hrs. after installation. Trucks may be rolled on the surface within 24 hrs. Covering is available in five colors. Circle No. 269 on Reader Service Card.

Caesar-Saltzman Enlarging, Reducing and Copying Camera

J. G. Saltzman Inc. has introduced the Caesar-Saltzman combination enlarging, reducing and copying camera for color



work. It is condenser or diffused type with registration featuring Ascorlux pulsed Xenon arc light source for constant light and daylight color balanced spectrum. The standard model employs a universal light head and 12 in., f.9 Goerz Artar process lens. A three-point registration system can be furnished for use with film or glass plates. Circle No. 280 on Reader Service Card.

Three New Films and Offset Plate Offered by Ozalid

Four new products have been introduced by Ozalid Div., General Aniline and Film Corp. The products—three films and a fine grained aluminum positive offset plate—will be distributed by Interchemical Corp.'s Printing Ink Div.

Two of the films are diazo sensitized. These are designed to furnish duplicate film negatives or positives using ordinary vacuum frame arc lamp combinations under normal room light conditions. One film reproduces a direct positive from a positive, or a duplicate negative from a negative. The other film is a reversal, producing a positive from a negative or a negative from a positive. The third film is Ozalith Trubase proofing film which, according to the manufacturer, fills the need for a translucent film for high quality reproduction proofs. Base of the film is Du Pont's 0.002 in. Mylar polyester film with a special matte coating.

The new Ozalith positive working plate is said to possess a smooth grained surface that reproduces fine line and halftone positives. It is claimed non-oxidizing treatment provides long life both on and off the press. Circle No. 259 on Reader Service Card.

Mercury Kleen-Up Roller Cleans Up on Press

The Mercury Kleen-Up roller announced by Rapid Roller Co. is said to combine the properties and functions of Mercury Blue Streak rollers with the functions of a leather roller. It is designed to be suit-

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Amsco Aluminum Stereotype Chases are specifically made for operations wherein lightness is a desired factor. Steel insert supports reduces wear to a minimum at the contact points of the foot stick and side wedge screws . . . adding longer service life to the overall aluminum product.

All Amsco Chases are square and true because they're patterned from a template or a blue print.

Amsco is the house of the "complete chase line", for newspapers, commercial printers, stereotypers and electrotypers. Standards or specials are available.

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able for cleaning up on the press as part of the regular mechanical washup. Sponsor states it can be used on all offset inks, all types of stock and on sheet-fed or web-fed presses. The roller can be reground. Circle No. 296 on Reader Service Card.

Polystyrene Base Added to Kodak Masking Film

A 0.005 in. polystyrene base has been added to Eastman Kodak Co.'s Pan Masking PB Film, which the company recommends for masking transparencies for three-color printing and for back masking of reflection color copy. Kodak claims the new film is virtually unaffected by changes in humidity. Sizes run from 8 in. by 10 in. to 20 in. by 24 in. Further information may be obtained from Kodak Graphic Arts dealers.

New N-D Paper Drill Features Automatic Positioning of Table

Nygren-Dahly Co.'s K-4 single spindle paper drill is designed to automatically move its table for each successive hole once the gauges have been set and the stock placed in the initial position for the first hole. Spring action keeps the

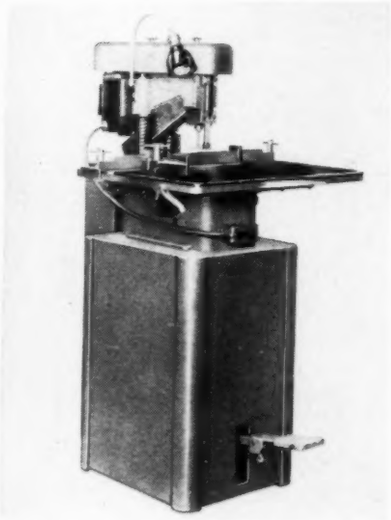


table under tension holding it against each stop gauge.

Table size is 21 in. by 26 in. This permits drilling to 22 in. extreme outside centers. The table can be worked to the stops in either direction so it is not necessary to return to the first stop position for drilling the next lift of paper. Circle No. 262 on Reader Service Card.

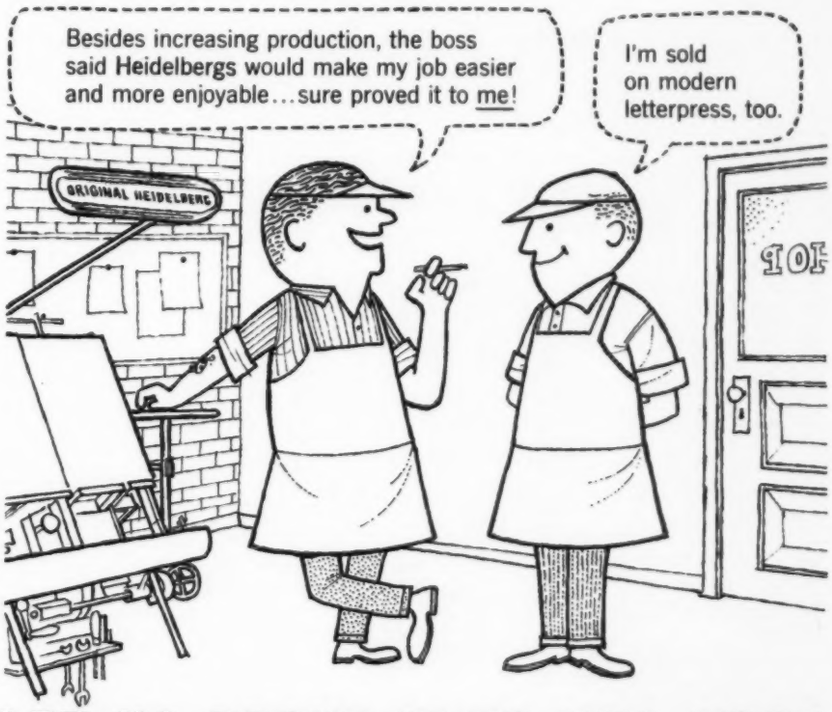
Du Pont Cites Advantages of New Cronar Commercial Film

Cronar Commercial film is Du Pont's newest film for the Graphic Arts, the company's Photo Products Dept. has announced. It features what is described as tough, flexible, and dimensionally stable Cronar polyester photographic film base (0.007 in.) and a new wide latitude, continuous tone, blue sensitive emulsion.

Cronar Commercial film may be used for continuous tone negatives and positives, positive and cancelling masks for color separation, black-and-white copy work where red and green sensitivity is not needed, and for reproduction of artwork which combines continuous tone and line matter. The new film is claimed to possess good size-holding properties under shop conditions of uncontrolled temperature and relative humidity. Approx. 20 sheets of film may be stored in the space required for one glass plate. Circle No. 251 on Reader Service Card.

Rocla Cleaning Machine Cleans, Dries and Sorts Matrices

The Rocla linecomposing matrix cleaning machine has been announced as available by Frederico K. Hutzler. The machine cleans, dries and sorts Intertype and Linotype matrices in one operation. While the brush cleaning elements are being soaked thoroughly with the cleaning fluid, the matrices to be cleaned are placed in a feed channel. By turning the crank, the matrices are moved through the brushes to felt strips. These felts dry the matrices and transport them to the collector station where they are sorted in the same turn as when placed in the feed channel regardless of thickness of the matrices. Sponsor states matrices do not touch each other during the cleaning process. It is said a complete matrix font may be cleaned in about 15 min. Circle No. 292 on Reader Service Card.



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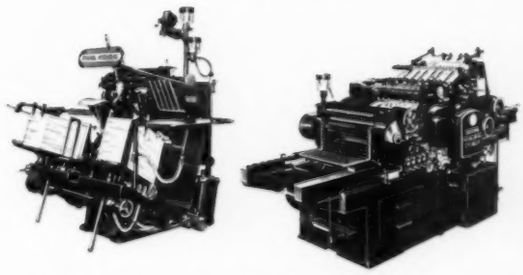

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Metal Feeder Signal Actuator

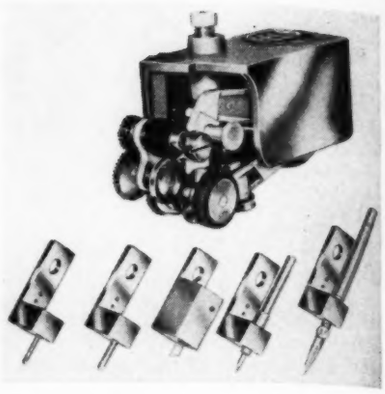
For Linecasting Machines

Star Parts, Inc., has announced a new metal feeder signal actuator for linecasting machines which attaches to the back of the feeder housing. The device is not a signaling unit, but a signal actuator which is primarily intended for Star metal feeders. It has been designed to meet a variety of applications. For example, an outlet on the back of the actuator can be used to plug in the operator's copy light. When the pig of metal needs replacement, the trip on the chain will actuate a lever, attached to a microswitch, shutting off the operator's light. The signal actuator can also have audible warning devices plugged into it, or it can be wired to the trouble light on top of machine. Circle No. 252 on Reader Service Card.

Gelb Ruling Carriage

For Line-up and Register Tables

The Jos. Gelb Co. Synchro-Set Ruling Carriage is designed to accommodate a variety of marking tools, when used with Gelb line-up and register tables. All tools are factory pre-set and interchangeable in the synchronized adapter. Thus, all rules, scribes, cuts and inking coincide with each other. The five tools shown, left to right, are: Two scribing needles with ruling widths of 0.003 in. and 0.010 in.



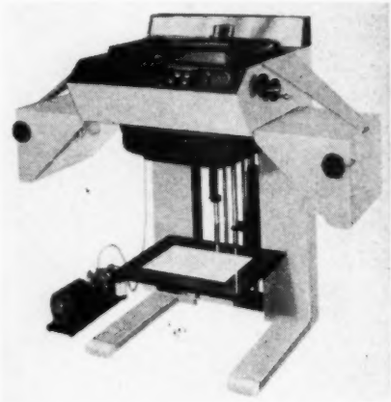
with dual cutting edges; the cutting knife; a self-inking ball point pen inker with screw-in replaceable red or blue colors; and the self-inking adjustable parallel ruling pen fed by capillary tube action. A variable tension control is said to eliminate variable hand pressures to the marking tool. Circle No. 273 on Reader Service Card.

For More Information Circle 173 on Reader Service Card

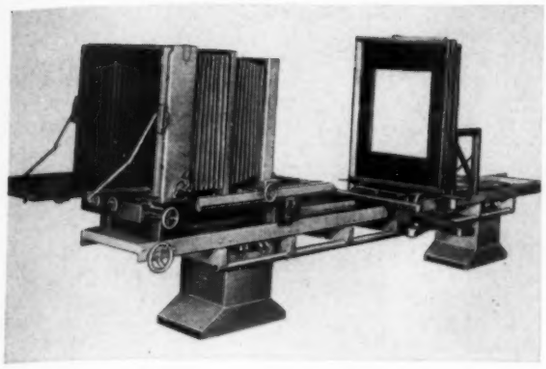
Robertson Photo-mechanix Reports

Vertical Camera for Small Printers

Robertson Photo-mechanix, Inc., has introduced a compact vertical camera designed for letter shops, office reproduction departments, small printers, and for larger printers as a second camera. Known as



the Meteorite, it is available with a choice or combination of holders such as xerography adapters, vacuum and stayflat film holders, prismatic head, etc. Film 14 in. by 17 in. can be used, and it is said camera has a range of three times enlargements through three times reductions. Copy up to 18 in. by 23 in. can be accommodated in the glass covered copyboard, which is furnished with a latch to hold the lid open while loading or unloading copy. Center lines and inch marking on the copyboard insert make copy centering easy, reports Robertson. Adjustable incandescent lights illuminate the copyboard and can be set to cover the copyboard, as it is raised and lowered. Meteorite is equipped with a direct reading percentage focusing system. According to Robertson, vacuum film hold is complete with a heavy duty pump and motor unit and a zone selector said to cut off unused area. Circle No. 290 on Reader Service Card.



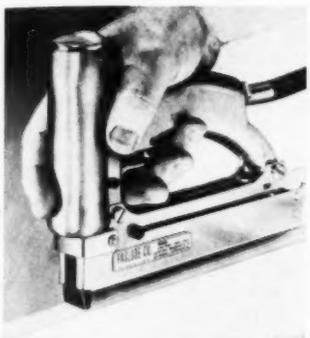
Darkroom Cameras—Process Camera & Equipment Co. announces Clydesdale darkroom cameras in sizes from 17 in. to 36 in. Illustrated is the 24 in. by 24 in. camera with 16 ft. track assembly; 30 in. by 40 in. copyboard; 19 in. Goerz Artar Red Dot lens; vacuum film holder with foot switch pump and motor; two times enlargement and six times reduction. Circle No. 272 on Reader Service Card.

New Lithographic Film Introduced by Chemco

Chemco Photoproducts Co. Inc. has announced a new lithographic film called Powerlith Type-X. Manufacturer claims it has a fast emulsion and requires less exposure time. Chemco also states the film is characterized by high contrast and provides a hard dot characteristic. Powerlith Type-X is said to possess a broad developing latitude which facilitates the production of halftones and makes it suited for production of dropout halftones. It is available in 14 cut sheet sizes and 19 roll film sizes. Circle No. 266 on Reader Service Card.

Air Power Stapler for Tacking Rubber Plates to Cardboard Base

The Model AR air power stapler, which can be used for stapling rubber plates to cardboard or canvas base and for stapling



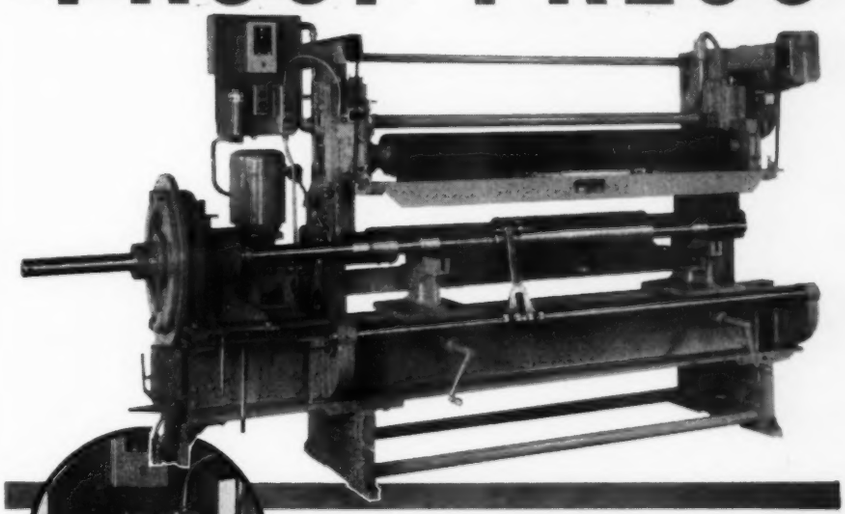
base and plate to maple cylinders on printing presses, has been announced by Paslode Company, Div. Signode Steel Strapping Co. Unit is furnished with jet driven air return said to deliver positive high speed action and extend tool life. Sponsor reports the high speed nylon piston drives staples without recoil. Paslode wide and narrow crown staples in leg lengths from 3/16 in. to ¾ in. can be used. Operating speed is between 50 p.s.i. and 140 p.s.i. Circle No. 281 on Reader Service Card.

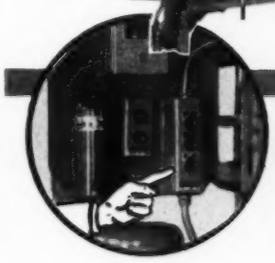
Lawson Trimmer Installation—Saul's Lithograph Co., Washington, D. C., recently installed a new Series C Lawson rapid trimmer, which is reported to trim books, magazines or pamphlets at speeds of from 10 cy. to 25 cy. per min. Pictured are, left to right, Fred Cockrelle, bindery superintendent; Al Tucker, president, and Frank Frazzano, plant superintendent.

ROTOGRAVURE "PROGS" NOW EASY with NEW

PROOF PRESS

semi-automatic





PRESS A BUTTON...
PRODUCE A PROOF!

It's practically automatic. You simply register the cylinder and position your sheet to the guides (both done quickly). Then push the "down" button on the control panel and the press instantly goes into action. In seconds, there's your proof! The press can immediately be reset to repeat the operation. Or, you touch the toggle switch to keep impression roll in position for continuous printing. It's automatic, it's fast, it's accurate . . . the easiest gravure proofing you ever saw. And the press has all micro-exact adjustments needed for varying sheet sizes and cylinder dimensions. Truly a great new proof press. Let us give you complete details...write today...no obligation.

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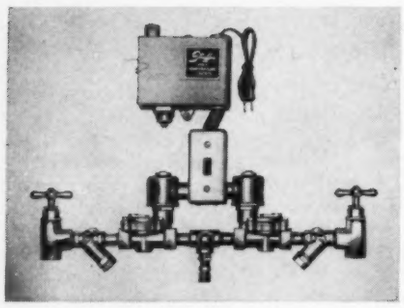
For More Information Circle 196 on Reader Service Card



Automatic Water Jacket Temperature Control Valve

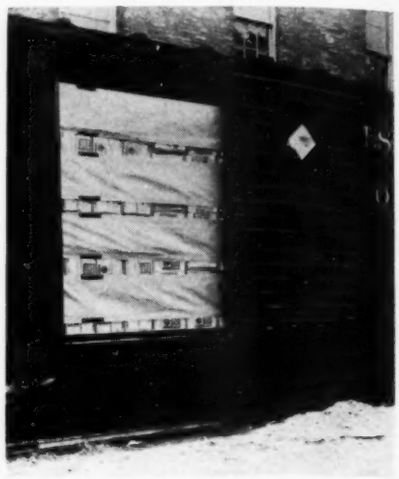
A sensitive automatic water offset platemaker and photographers jacket temperature control valve (Model 14) is designed for use by photoengravers. Stouffer Graphic Arts Equipment Co. explains that the control consists of a thermostat, two electrically operated valves (one for the hot water line and one for the cold water line), strainers, discharge tube with jet nozzle, and necessary fittings.

It is claimed this control will maintain a uniform temperature of processing solutions within 1/10 of 1 deg. It may be set at any desired temperature between 10 deg. and 90 deg. Special thermostats for higher or lower temperatures can be supplied to order. Circle No. 250 on Reader Service Card.

Please inform us if PRINTING PRODUCTION is incorrectly addressed to you.

Retaining Strips Provide Freight Car Doorway Protection

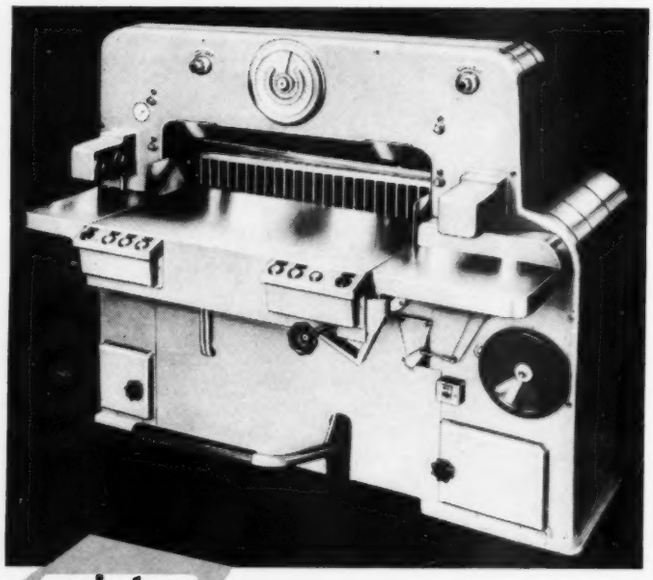
Signode Steel Strapping Co. now offers its standard retaining strip in 100 lb. kraft paper. Also, the firm has de-



veloped a new retaining strip made of asphalt fiberglass laminated paper. The materials are intended for solid doorway loading of cartons, bags, boxes and other packaged products on freight cars and trucks. A steel strapping, running the length of the retaining strip, reinforces the heavy paper keeping containers away from doors. Strips come in sizes to accommodate 6 ft. to 10 ft. doors, and are packed 50 and 25 to a roll having a diameter of less than 6 in. Circle No. 260 on Reader Service Card.

Lineage Through 153 Years—Peter Hoe Wilcox, 18-year-old great-great-great-grandson of Robert Hoe, who founded R. Hoe Co., Inc. in 1805, accompanied by his mother, Mrs. Carolyn Hoe Wilcox, listen to Joseph L. Auer (left) Hoe president, describe part of a four unit press being assembled at Hoe's Bronx plant for the Oakland (Calif.) *Tribune*. Mrs. Wilcox is the daughter of Arthur I. Hoe, former director of the firm.

30 CUTS A MINUTE with the new, *high speed*



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First paper cutter ever built with the exclusive new no-gear CYCLODRIVE, the 36" PRINTAX delivers fast, hairline-precision efficiency plus outstanding safety, with noise and operator fatigue cut to a minimum.

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- SAFETY INSURANCE with two-channel photo-electric cell hand guard and two-hand operation
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also, eye-level scale, all controls front-of-machine, antifriction bearings, precision three-section back gauge.

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books

New Edition: Color By Overprinting

The book, *Color By Overprinting*, by Donald E. Cooke, has been published in a new economy edition. The price is now $15.25 per copy. (First edition price was $25.25.) The new edition consists of the same content as the previous de luxe edition. The difference between the two is that the second edition carries an unstained top, plain white endpapers and glassine wrapper.

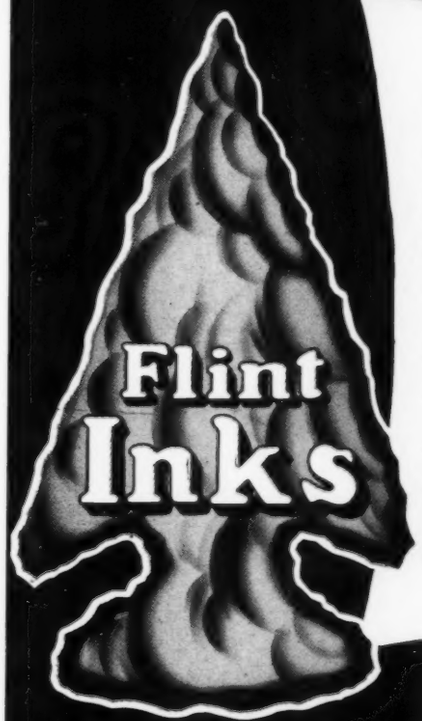
A range of more than 10,000 exact color samples and combinations is shown. Cooke's process and techniques apply equally to printing by letterpress, offset-lith, gravure or photogelatine. The artist or printer is presented with a basically simple and inexpensive process of overprinting one line plate upon another to secure the range of color made possible by using 11 key transparent inks.

Color By Overprinting—By Donald E. Cooke. Book consists of 286 pages, 8½ in. by 11 in. There are 44 pages of illustrations and 165 pages of color charts with keyed numbers of inks. Text is annotated for those unfamiliar with terms of the trade. Price, new Economy Edition, $15.25 per copy, postpaid in U. S. A.; foreign countries, $16.25 postpaid. Order through Printing Production, 1276 W. Third St., Cleveland 13, Ohio.

First Harris 126 Press—This Model 126 single-color Harris 20 in. by 26 in. offset press, first to be shipped by Harris-Seybold Co., was recently installed at Horn Ohio Co., Cleveland. It will be used for multicolor direct mail work, says Charles D. Horn, president.

Collators Go Overseas—Five Speed-Klect collators, nearly $100,000 worth, are shown beginning their trip to destinations in Australia. When packed, each unit weighed nearly 2 T. When these five collators arrive in Australia, Leon Smith, Didde-Glaser's western service representative, will fly there for 10 weeks to install the machines and train personnel.

a step ahead



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For More Information Circle 63 on Reader Service Card

Helpful Literature

(Continued from Page 81)

DOYLE SHEET CLEANERS

Doyle sheet cleaners are described in a bulletin offered by the J. E. Doyle Co. Circle No. 342 on Reader Service Card.

Bindery

NEW SHERIDAN GATHERER

The T. W. & C. B. Sheridan Co. offers a six page bulletin describing the new Sheridan Accu-Speed gatherer, which is designed for side gathering of sheets or signatures in sizes up to 18 in. by 11 in. at speeds up to 7,500 sets per hour. Circle No. 329 on Reader Service Card.

BOLTON PAPER KNIVES

John W. Bolton & Sons, Inc., has published an eight page bulletin which concerns its carbon and high speed paper knives. There is also information on the company's knife changer and honing kit. Circle No. 311 on Reader Service Card.

DEXTER SHEET FED CASEMAKER

A four-page folder describes the Dexter Sheet Fed Casemaker designed to handle cases from 6½ in. by 8½ in. to 12½ in. by 18½ in. at speeds up to 3,600 cases an hour. Overall dimensions of machine are 10 ft. 6 in. by 13 ft. Circle No. 348 on Reader Service Card.

SPEED-KLECT COLLATORS

An attractive six page bulletin descriptive of Speed-Klect collators is offered by Didde-Glaser, Inc. Five and seven station machines and the Dual-Stream model are illustrated. Specifications for 10 models are included. Circle No. 326 on Reader Service Card.

LAWSON TRIMMER BULLETIN

An eight-page bulletin describing and illustrating the Lawson three-knife Series C trimmer is offered by The Lawson Company. Size range is 2 in. by 3⅛ in. to 12¼ in. by 18 in. Speed range is 10 through 25 cycles a min. Circle No. 345 on Reader Service Card.

Miscellaneous

BOLTLESS SHELVING

Bulletin B-40, describing the Penco T line of boltless steel shelving, is offered by Penco Div., Alan Wood Steel Co. The eight page booklet includes illustrations of six styles. Circle No. 330 on Reader Service Card.

WESTVACO PAPER

The opacity of its Pinnacle offset paper is illustrated by West Virginia Pulp & Paper Co. in a four-color folder. Circle No. 323 on Reader Service Card.

TICONDEROGA PAPER

Printing qualities of its Ticonderoga offset paper are illustrated by International Paper in an eight page, four color folder. Circle No. 324 on Reader Service Card.

JOY AIR COMPRESSORS

An eight page bulletin describing Joy Manufacturing Co.'s line of heavy duty, low pressure air compressors has been published. Specifications on three models and a detailed sectional drawing are included. Circle No. 325 on Reader Service Card.

EASTERN CATALOG

Descriptions of more than 500 products for newspaper printing are presented in a catalog prepared by Eastern Newspaper Supply, Inc. Included are supplies and equipment for composing room, stereotype department, engraving department, and pressroom. Circle No. 332 on Reader Service Card.

GERRARD STRAPPING MACHINE

A Gerrard Model 12 Automatic Strapping Machine bulletin and Blue Book of Packaging are available from U. S. Steel Supply Div., U. S. Steel Corp. Size range is said to be 8 in. by 2 in. to 26 in. by 20 in. Circle No. 337 on Reader Service Card.

RIEGEL PAPER SAMPLE BOOK

Riegel Paper Corp. has issued a sample book containing representative selections of the 176 stock items available in its Jersey line of cover and bristol papers. Circle No. 309 on Reader Service Card.

LAKE BALING PRESS

Lake Engineering Co. is offering an attractive four page bulletin to describe the Mark 1 portable baling press. Horizontal design of press enables materials to be charged into the hopper from any direction. Illustrations, specifications and bale weights are included. Circle No. 349 on Reader Service Card.

QUEEN BRISTOL PAPERS

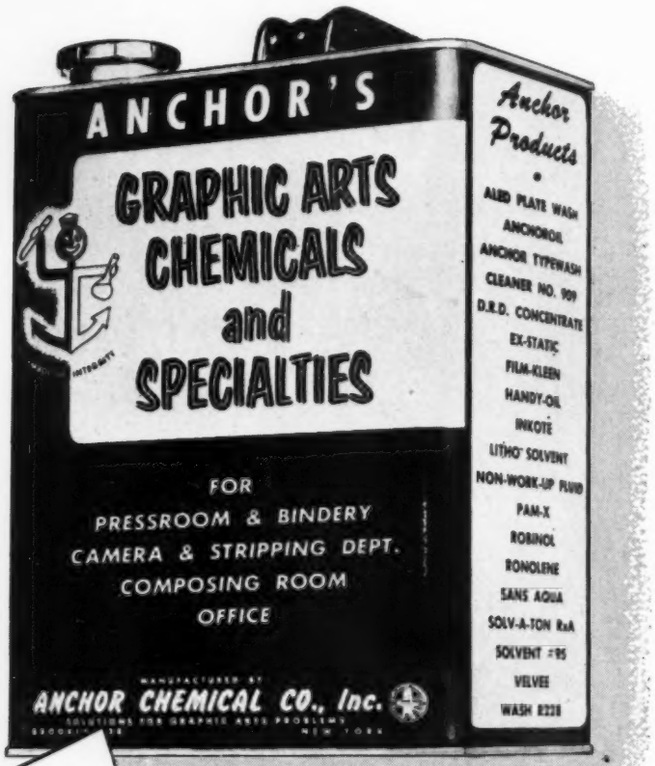
A 9 in. by 12 in. folder is descriptive of the Queen Bristol line of offset and letterpress papers offered by Linton Brothers & Co., Inc. Sample swatches are included. Circle No. 322 on Reader Service Card.

PAPER SAMPLERS

Two pocket-size booklets which contain samples of colored and white Mandoset offset papers have been prepared by Minnesota and Ontario Paper Co. Circle No. 328 on Reader Service Card.

VERNER MULTIPRESS LITERATURE

Literature on the Multipress for imprinting, printing of envelopes and small specialty printing is offered by B. Verner & Co. Inc. Circle No. 343 on Reader Service Card.



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For More Information Circle 224 on Reader Service Card

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Perfect reproduction—The smooth, ungrained plate surface allows precise halftone dots to be formed without distortion, providing a high quality of halftone reproduction.

Safety—Poisoning of workmen is eliminated since no bichromates are used.

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For More Information Circle 218 on Reader Service Card

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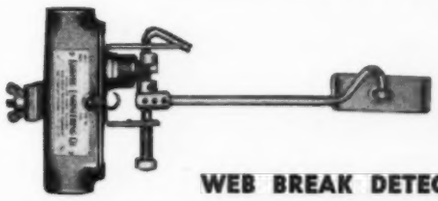
WEB CONTROL

EQUIPMENT DESIGNED TO COMPLETELY PROTECT YOUR PRESS WHEN A WEB BREAKS . . . INSTEAD OF MERELY STOPPING IT!



WEB BREAK DETECTOR

- Precise and quick acting to stop press instantly at the time of a web break.
- Has running position, threading position and two lock-out positions.
- Press cannot be operated at high speed unless shoes are in operating position.
- Can be mounted in any and all positions in press.
- Shoe pressure and range of operation can be easily adjusted for any web condition.

TROLLEY

- The most outstanding advancement made in web break detector systems in recent years. It prevents the web, after the impression, from lashing back and wrapping around the printing cylinders.
- The Cooksey System is the only system that provides this feature, therefore it is the only system that can actually prevent damaging wrap-ups due to web breaks.

WEB SEVERING DEVICE

- It is compact, and the action is positive and instantaneous.
- Cuts completely across the whole sheet.
- Clean cut web comes out of printing unit at time of a web break instead of ragged tails or loose pieces that may cause additional delay.

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For More Information Circle 99 on Reader Service Card

Charter Membership Open In Flexographic Association

The newly-organized Flexographic Technical Assoc. will be open to charter membership until Jan. 1, 1959, according to an announcement by Julian Ross, FTA executive secretary. Over 75 flexographic printers, manufacturers and suppliers have already joined the ranks of the association. Ross pointed out that charter members save a $50 initiation fee which will be imposed after the first of the year.

FTA has already held its first organizational meeting (see PRINTING PRODUCTION, Nov. 1958, P. 43) at which officers were elected, by-laws adopted, and various projects discussed. Karl L. Weik, Cello-Foil Products, Battle Creek, Mich., is the first president to be elected by the new association.

Areas of their industry which FTA members agreed are in need of study concern uniformity of production techniques, and uniform standards of equipment and supplies. Steps were taken to make a start on overcoming these problems.

There was general agreement that a glossary of flexographic terms would be helpful to the industry. The desirability was stressed of conducting research to establish standards of quality and performance. Periodic seminars and clinics were suggested as prime means of exchanging information and reporting new developments. Also, interest was expressed in the establishment of an employee training program.

FTA Directors Elected

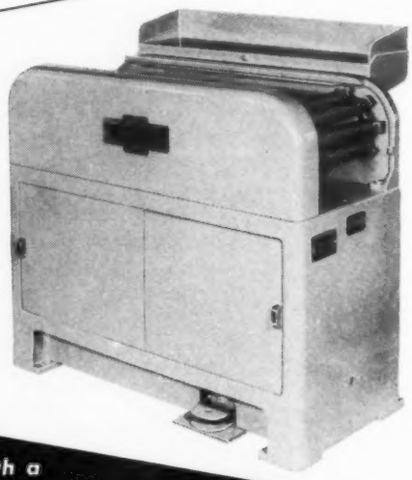
In addition to a full slate of officers elected, directors include: Jay Bisen, Mead-Atlantic Paper Co., Atlanta, Ga.; Frank W. Brey, Paramount Paper Products Co., Omaha, Nebr.; John Cozza, Diaphane Corp., New York, N. Y.; D. P. Dorne, Bakelite Co., Bound Brook, N. J.; J. C. Dunne, Chase Bag Co., New York, N. Y.; Karl M. Fox, Scott Paper Co., Chester, Pa.; Jerome Jahre, Bagphane Corp., Flushing, N. Y.; David Killary, Paper Machinery & Research, Inc., Roselle, N. J.; Usko T. Kontio, Marvellum Co., Holyoke, Mass.; Howard T. Lester, Converter Corp., Leominster, Mass.; Frank G. Scott, Southern Kraft Div., International Paper Co., New York, N. Y.; Fred G. Tier, Cellu-Craft Products Corp., New Hyde Park, N. Y.; Robert Zuckerman, Kidder Press Co., Inc., Dover, N. H.

Inquiries should be sent to Flexographic Technical Assoc., 220 W. 42nd St., New York 36, N. Y.

Machinists Meet—The Bay Area Typesetting Machinists Society visited the Oakland, Calif., plant of Globoloy Metals Inc., when they met recently. B. G. Griffiths (left), president of the Society, presents Russell Dizmang, Napa (Calif.) *Register*, the door prize.

If you need...

RUSH PROOFS



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- ★ Automatic Stopping
- ★ Mechanical Safety Guards
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- ★ Requires Less Maintenance

There's no sacrifice of quality when you rush proofs on a WESEL EPP-4 proof press. Its smooth performance results from the same careful engineering that provides trouble-free operation with only a minimum of maintenance. The new EPP-4 features heavier construction, quieter operation and an improved platen inking system. Equipped with mechanical safety guards and automatic stopping.

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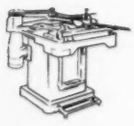
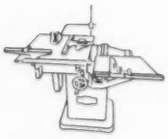


Routing Machines



Saw and Trimmers

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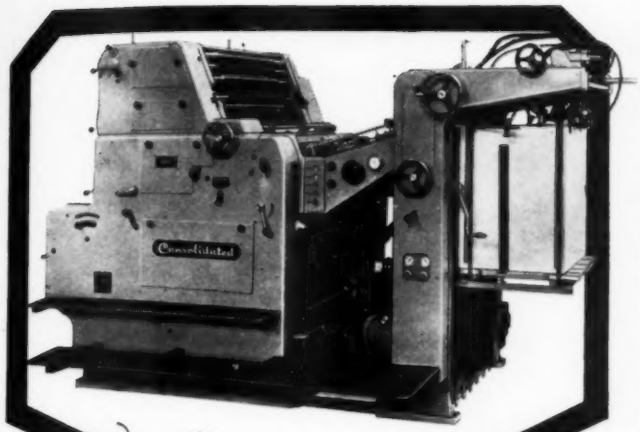

The Consolidated

JEWEL 23"x30" OFFSET PRESS

The Consolidated JEWEL "29", of Swiss precision manufacture, has been designed for efficient production of short or long runs. It has, built into it, every convenience for quick changes, accurate micrometer adjustments and centralized control requiring a minimum of operator movement. At the delivery end of the press are the controls for setting accurately the plate cylinder to the blanket cylinder, the inking, the dampening and actual stop, go and inching of the press. At the gripper position of the press are dual controls for all settings of the sheet, register, side guide, front guide so that operator may set the entire press at these two positions.

Ideally suited for production presses, the Consolidated JEWEL "29" has also been accepted as the ideal proofing press because of its simplicity of operation, adjustment and the ease in which changes can be made from job to job.

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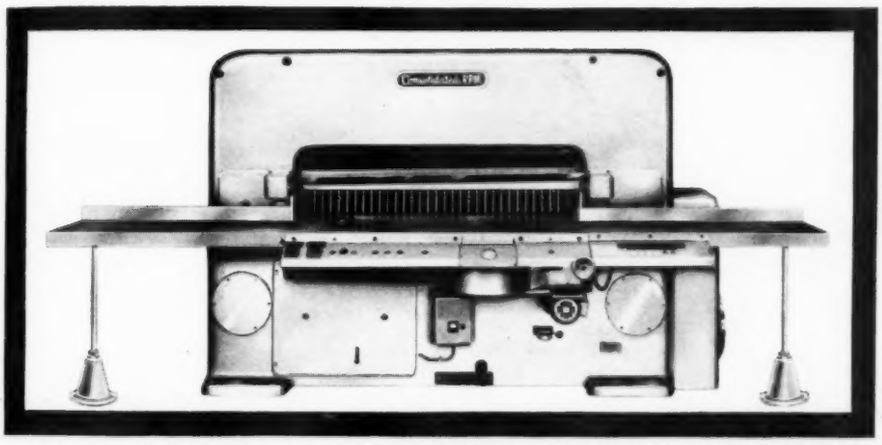

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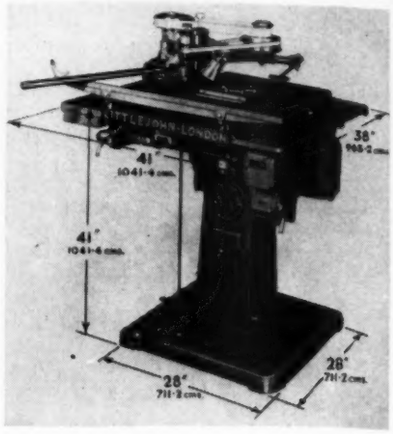

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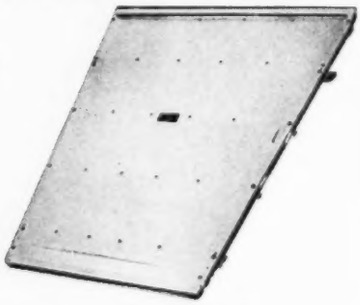

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N. Y. Stock Report Printing Done Fast

A fast method for printing investment reports and views of the stock market, prepared by the Research Staff, is used in the Graphic Arts Dept. of Baker, Weeks & Co., New York Stock Exchange member. James M. Cosentino is in charge of the printing operation.

James M. Cosentino, Graphic Arts Dept., Baker, Weeks & Co., New York. It is imperative that firm's daily stock reports be gotten to clients in a hurry.

Cosentino explained that since events change rapidly on Wall Street, these reports necessarily must be up to the minute. He also said that for some of the reports the information has to be gathered, put together and printed between 3:30 p.m. when the stock market closes and the last mail pickup in the evening. Because of the increasing number of changes which occur before press time, it was decided to review the platemaking procedure. Cosentino said: "It was found that commercial platemakers could not conform to our tight production schedule.

"We installed equipment for processing offset films and plates, including a Goodkin Model A Camera Lucikon with an f8-32 process lens to make 14 in. line or halftone negatives, the plates being used on our 1250 Multilith press."

Pasted-up typewritten material is used for plate copy. Each printed report consists of a minimum 1000 copies. From 6 to 10 plates are required daily. Last minute changes are made by discarding, if necessary, previous plate or plates and making new metal plates.

Added Cosentino: "Considering the pressure conditions under which our printing must be done, the equipment is performing satisfactorily."

Prints Ads with Gold Ink In Special Newspaper Issue

The *Windham County Transcript,* Danielson, Conn., a weekly newspaper, printed a 28 page special issue on September 25. Edition consisted of 6000 copies. This issue contained the greatest number of pages in the *Transcript's* 102 year history. This special issue was published in honor of the opening of Knox Glass, Inc.'s new glass container manufacturing plant.

Four of the page advertisements were printed in a standard blue ink together with metallic gold ink. Gold ink used was obtained from Intl. Printing Ink Div. of Interchemical Corporation. Printing was done on a Miehle flatbed press. There is no showthrough, strikethrough nor offset apparent in connection with the gold ink.

For More Information Circle 153 on Reader Service Card

Ink on Paper

(Continued from Page 67)

paper leaves the press. Heat is essential in the drying of such inks, which limits their effective use to web presses, where it is possible to lead the printed web through a complicated system of gas heated chambers or over large steam heated drums followed by cooling rolls in either case.

Inks of this class have been developed for sheet feed presses, but their use is limited to short runs, which are required to be backed up at the earliest possible time. Even then these inks require more than an hour for drying as compared with fractions of seconds in the case of web press inks.

The paper requirements for heat-set inks are but little different from those of oil base inks. Any paper that can be printed well on a web press with oil base inks will give good results with heat-set inks. In addition, papers that are not absorbent enough to allow being printed on a web press with oil base inks without offset or smudging can be printed satisfactorily with heat-set inks.

Paper for heat-set printing should have a good surface ink receptivity to pick the ink off the plate. Further absorbency is not essential and in most cases not desirable. Some absorbency is required, as all the solvent is not driven off by the heat, part being absorbed by the paper.

One kind of ink, known as water-dried is widely used in the corrugated box field. This ink dries almost immediately and is practically odorless. Its main drawback is that it dries flat with practically no sheen. Research has resulted in some improvement in this respect, but as yet no water-dried ink has been produced with a finish to that of conventional oil base inks.

The vehicle in water-dried inks is a mixture of several glycols and resins. These have a high moisture absorption rate and a minimum water tolerance. A moderately water soluble resin dissolved in the glycol mixture yields a vehicle that remains liquid until conditions are such that an excess of water is available. Pigments, of course, are incorporated in the vehicle to make a complete ink.

The printing is done from rubber plates in the usual letterpress manner, although the equipment is not as precise as that used in fine publication work. The corrugated board must contain a fairly high percentage of moisture, usually about 7%. When the ink is printed on the board, the board absorbs moisture, throwing the glycol-resin emulsion out of balance, and precipitates the resin-pigment combination as a dry layer on the board. The water and glycol are absorbed by the board.

Ink Trouble Remedies

Some knowledge of the more common troubles may be of assistance in determining whether the trouble is due primarily to ink or to paper. Following are some examples of common troubles in which ink is the main offender.

Complaints sometimes occur such as when ink will not dry on a certain paper or that it dries all right on some parts of a sheet, but not on other places on the same sheet. These troubles are ink troubles and

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the paper is not at fault. Inks can be made which will dry satisfactorily on any given paper, but no ink will be satisfactory for all papers.

Such complaints are received in offset printing more often than in letterpress, and seldom, if ever, in rotogravure. This is due to two things: (1) Proneness of some offset pressmen to think they have to do something to the ink to make it work and (2) Tendency of offset inks to form an emulsion with the water used in the process.

If an ink will not dry on a paper for which it was made, it may contain either too much or too little drier, usually the latter. Since it is a difficult matter to determine which is the case, it is safer to assume that there is not sufficient drier. This will be found to be the correct diagnosis 95% of the time.

Too Much Varnish in Ink

An ink in which the vehicle contains too much light-bodied varnish to fit the paper may soak into the sheet to such an extent that the pigment, which necessarily remains on the surface, retains an insufficient amount of vehicle to bind it to the paper. In such cases the pigment chalks off or can be rubbed off the paper. In other cases there is almost enough varnish retained by the pigment and the ink remains putty-like, apparently not dry.

The remedy in the case of insufficient drier is to add more drier. If too much drier, add the same ink made without drier. The amounts to add can be determined only by trial, on the basis of experience. In all cases, it is better to add too little than too much.

If the ink contains too much light-bodied varnish, the best remedy is to replace it with proper ink, but when it is not possible, a small amount of a heavy bodied litho varnish can be blended with the ink. It is a difficult matter to do this properly in the fountain, and whenever possible the mixture should be put through an ink mill. If a mill is not available, the mixing can be done on an ink plate, using a large spatula.

Instances have been found where the proper ink was furnished by the ink manufacturer, but the paraffin oil, light litho varnish or even

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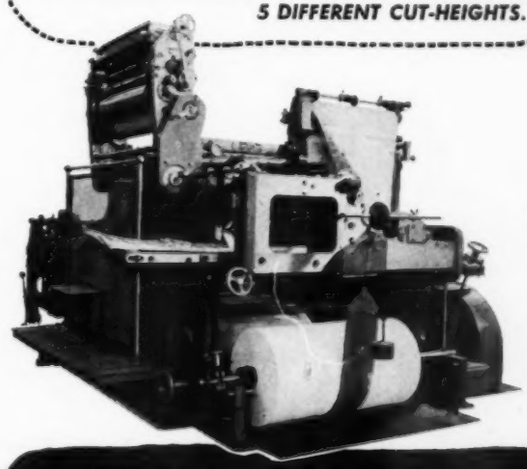

Standard machine with second and third fold, showing attachment for printing in second color on first and last page of newspaper with 4 or more pages — broad sheet.

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thin drier added by the pressman was sufficient to bring about the putty-like apparent non-drying condition. In testing inks for drying quality, a sample should be taken from the fountain, as that ink is not necessarily the same as that furnished by the manufacturer. A sample from the original container should be tested as a check.

The same ink conditions are usually found when the ink dries in some places and not in others. Sometimes it dries around the edges of the sheet, remaining wet in the center. This may be due to the faster setting around the edges, while in the center, due to the smaller amount of available oxygen, the varnish soaks in too much before the ink sets. Winding or airing the partially dried sheets is often done to overcome this defect.

Ink Drying Peculiarity

Again, it may be found that an ink will dry satisfactorily when printed over another ink, but apparently does not dry when printed directly on the paper. There are two causes for this. The first and less frequent one is when the second ink contains too little drier, but is printed over another ink which contains a pigment such as chrome yellow or iron blue, which are natural driers. In this case, the underlying layer of pigment accelerates the drying of the ink put over it. The usual cause, however, is the use of an ink containing too much light-bodied varnish. When such an ink is printed over another ink, the first ink has sealed the surface of the sheet to a sufficient extent to hold the second ink on the surface until it sets. When the second ink is printed directly on the paper, it soaks in too fast, leaving the pigment with an insufficient amount of varnish to bind it properly to the sheets.

Color Process Printing

Process printing involves putting from two to four and occasionally five superimposed layers of ink on the paper. In inks used in sheet printing, the principal portion of the ink may consist of litho varnishes which are bodied linseed oils of varying viscosities or the newer synthetic resin varnishes having similar characteristics. Considerable oxygen is required to dry these inks and the oxidation is naturally accompanied by a rise in temperature.

Winding or separating the sheets to admit fresh air and also to cool the paper, is frequently necessary when heavy forms are being printed. If this is not done the heat and lack of oxygen may cause the ink to sweat, that is, become soft and sticky when it should be dry. As a result, the sheets stick together, causing offset and sometimes completely ruining the job. This cannot be prevented by the use of non-offset sprays, since the heat developed often is enough to raise the temperature of the paper above the melting point of the waxes used in the older types of sprays. When dry sprays containing starch or similar material are used, the solid particles of spray material becomes embedded in the soft ink allowing the wet printed sheets to come in close contact with each other. This trouble obviously is one in which the paper is not at fault, although at times it is blamed.

These ink troubles may occur on any paper but are usually confined to super, machine coated, and

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By Theodore F. Makarius

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Color Charts are included. One of these demonstrates difference in cleanliness of color when mixing two inks which complement each other. Another color chart has been prepared to show the result of mixing different percentages of components.

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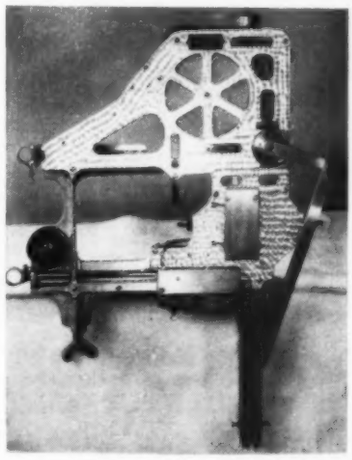

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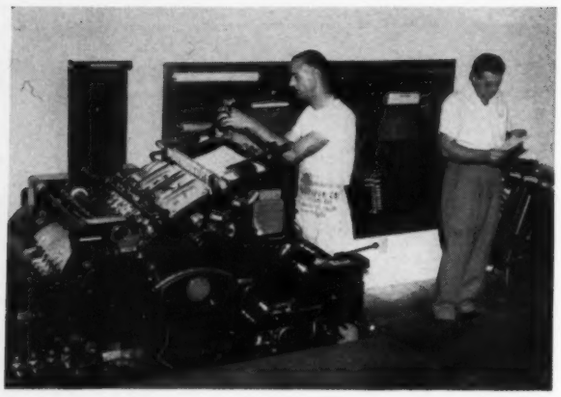

Installs Cylinder Letterpress—Wm. B. Andrews, president, Andrews Printing Co., Inc., Long Beach, Calif., recently added a 15 in. by 20½ in. Original Heidelberg cylinder press to augment the work of an Original Heidelberg platen press. Pictured left to right are: Jim Gruver, pressman and Bill Andrews, president.

coated and the more ink resistant papers. They do not occur in rotogravure printing, as the inks are dried by heat before the paper leaves the press.

Non-drying in Offset Printing

A non-drying trouble in offset printing, usually accompanied by sheet curl, occurs when the ink becomes emulsified with water from the fountain etch, either during a long run without a washup and ink change or from the use of an excessive amount of fountain etch. Under the latter conditions, offset inks have been found to contain as much as 24% water after a few hours press run. Under better printing conditions the press can be operated much longer before excessive emulsification takes place. Absorption of the water from such ink, when heavy solids are printed near the edges of the paper, results in curl. If the solids are away from the edges, puckered places may result. The remedy is to wash up the press, empty the ink fountain and put in fresh ink.

(To Be Continued)

Fluoro TriColor

(Continued from Page 76)

duce a halftone negative of totally isolated color. In other words, since the art is *physically* separated (into its four printing colors) there is no need for making the *photographic* separations. This avoids the formerly required photodensity masking as well as hours (often days) spent in dot-etching or color etching by hand.

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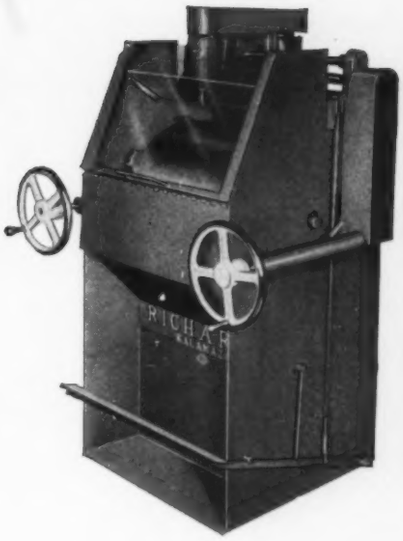

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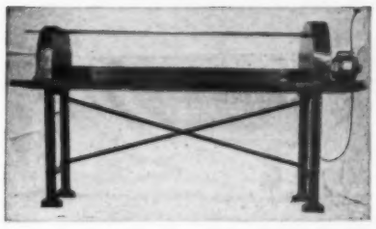

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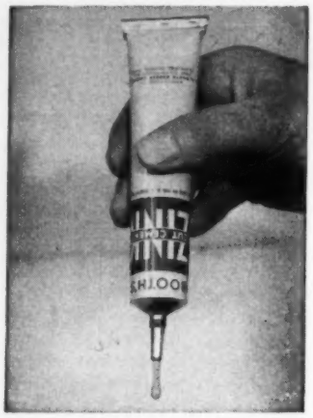

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Packless Stereo Mats

(Continued from Page 74)

George L. Green, production manager, Providence (R. I.) *Journal-Bulletin*, discussed *Stereotype Metal Care, Inventory, Temperatures and Cooling Cycles.*

I. Tornberg, vice president and sales manager of Wood Newspaper Machinery Corp., narrated slides on the *Wood Ultramatic Stereotype Curved Plate Machine.*

Ink Mist Reduced

The more important contributing factors for ink misting in the newspaper pressroom were pinpointed by Stanley H. Southhard, chief chemist for Geo. H. Morrill Co. He mentioned these factors: (1) Cracked, hard or glazed rollers; (2) Excessive form roller impression; (3) Heavy ink flow; (4) Ink of excessive length.

Southhard discussed early investigative work in cooperation with Grit Publishing Co., Williamsport, Pa. He stated most recent studies indicate that when using Morrill's Lomist ink, there is a reduction in ink mist that is actually of the order of 60% to 75%.

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pressroom are washed once a week; (3) Pressroom walls need less frequent washing to remove ink deposit; (4) Upper decks of presses are now dry and the equipment is no longer covered with an oily coating; (5) Maintenance costs have been reduced.

Chairman Wm. G. Weinrich, production manager, Worcester (Mass.) *Telegram* and *Gazette*, next introduced in turn John W. Foster, jr., Tingue, Brown & Co., who spoke on *Newspaper Blankets and Drawsheets*, and I. Tornberg, vice president, Wood Newspaper Machinery Corp., who spoke on *Wood Four Color Unit at Right Angles To the Press Line*. The last speaker was Irwin Brooks, executive vice president of U. S. Printing Ink Corp., who discussed his company's plan for compounding ROP color inks in harmony with ANPA-AAAA 13 recommended inks.

The Machinists' Clinic was supervised by Carleton A. Braga, mechanical superintendent, Woonsocket (R. I.) *Call*, and Co-chairman Richard Barrett, chief machinist, Pawtucket (R. I.) *Times*.

William J. Mulroy, manager, sales-service, Mergenthaler Linotype Co., reviewed *Linotype Developments and Maintenance*.

Substituting for Everett Shaffstall, Shaffstall Equipment Co., and discussing *Maintenance on Mat Detector and Selector-Spacer*, was Morton G. Freed, sales manager, Northeast Printing Equipment Corp.

Harold O. Mohr, president, Mohr Lino-Saw Co., spoke on *Maintenance and New Developments*.

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Large multi plant printing company is seeking a graduate mechanical engineer to develop improvements in speed and efficiency of existing equipment. Also to develop labor saving devices with experience in letterpress and rotogravure printing in various plants and recommend solutions to management. Applicant must be free for limited travel. Please submit a complete resume employment history and aducation. Salary will be commensurate with ability and experience. Reply to A. J. Allegretti, Technical Director, The Cuneo Press, Inc., 2242 S. Grove St., Chicago 16, Ill.

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2 color Western printing attachment for 5-0 Miehle. Please give serial number, price and full information. Klein Publishers, Inc., Oakhurst, N. Jersey.

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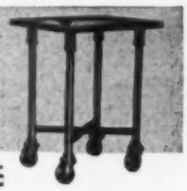

Mirror-smooth, extra thick top, 24" x 28½", is heavily ribbed to maintain accuracy. Adjusts from 36½" to 39½" working height. 3" x 1½" double ball bearing swivel type composition casters. Heavy-duty, rugged construction assures years of trouble-free service.

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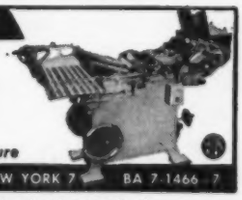

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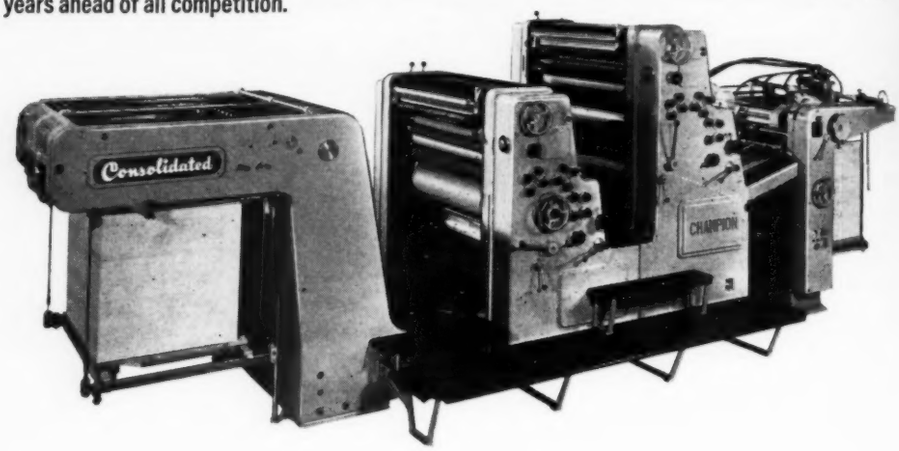
Truly a CHAMPION in every way. The Consolidated 2-color 26-in x 39-in. is more than just the right size. It's the right press for you if you are looking for finer quality printing, more printed sheets per day, better ink coverage, ease of operation and a minimum of maintenance. As the most advanced design high speed offset press in the field today, it gives you oil bath oiling, adjustment for register on-the-run, stepless control for inking and dampening, an electronic motor drive and braking system operating smoothly and efficiently. The high pile stream feed and single lever control permits feeding of all stocks at higher speeds. The new patented transfer drum system assures exact register at maximum speeds.

The Consolidated CHAMPION has everything to give you the competitive advantage. Complete accessibility to every roller and cylinder is a feature that in itself places this superb press years ahead of all competition.



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The Consolidated PEARL "25", the 8,500-sheet-per-hour press is the fastest job and production offset press in the world today. Designed, engineered and manufactured by world famed Swiss technicians and craftsmen, they have built the finest high-speed sheet-fed offset press in the world today, holding exact register on the finest color work at 7,000 to 8,000 sheets an hour. Speeds to 8,500 sheets an hour on black and white and simple color work is being obtained daily in the hundreds of plants now operating the smoothest, quietest and easiest operating press, the Consolidated PEARL.

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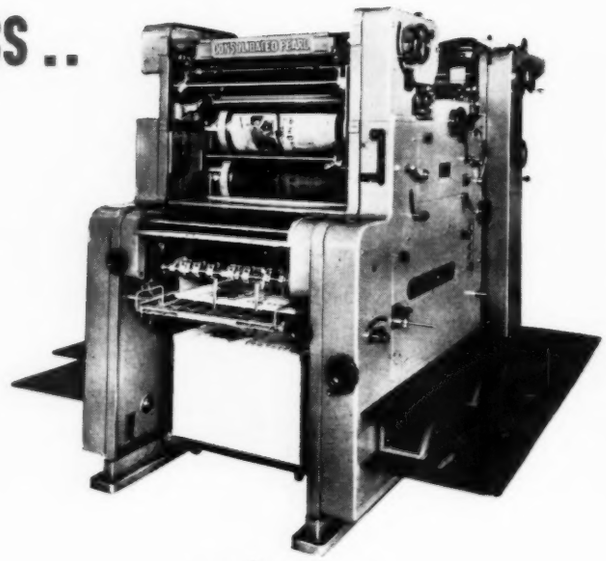

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This all new display type caster automatically casts cored type high slugs in lengths up to 42 picas on a maximum of a 48 pt. body without air bubbles.

Write for complete details.

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For More Information Circle 254 on Reader Service Card

Twenty-Four Hours a Day, a bilingual staff broadcasts in English and French from CKVL, Montreal. Shown here is their 50,000-watt AM transmitter built by our Gates Radio subsidiary. Incidentally, most of their equipment is of Gates manufacture.

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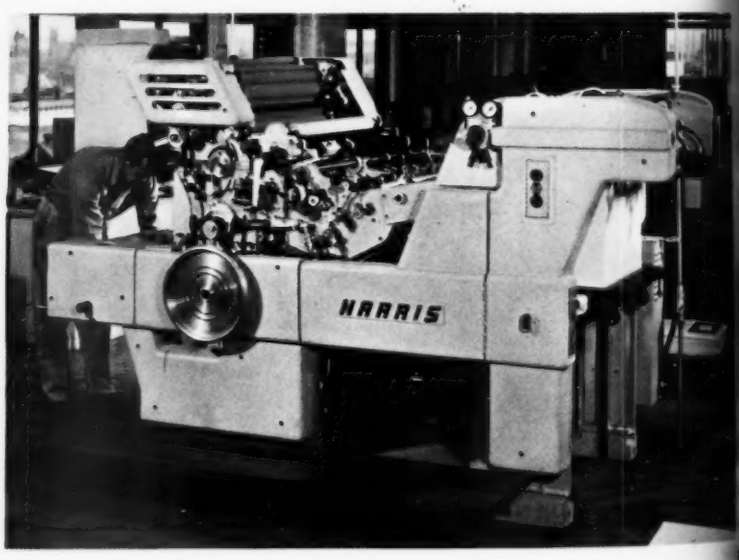
What's going on at HARRIS

Over in Tennessee, International Playing Card and Label Company, of Rogersville, has one of the first models of our Seybold Saber equipped with a new safety treadle. The new treadle makes it next to impossible for the hydraulic clamp to be operated accidentally.

Up in Racine, Wisconsin, Western Printing and Lithographing Company is fulfilling in the most practical way requirements for greater richness of color and special effects. They've just installed a 5-color Harris offset press with double delivery.

Meanwhile, in Ohio, one of the first models of a new press is in operation at Horn-Ohio, creative lithographers in Cleveland. This is the new Harris 20 x 26″ single-color offset press equipped with feed rolls... a feature previously available only on larger presses. This new press rounds out the Harris line of small offset presses.



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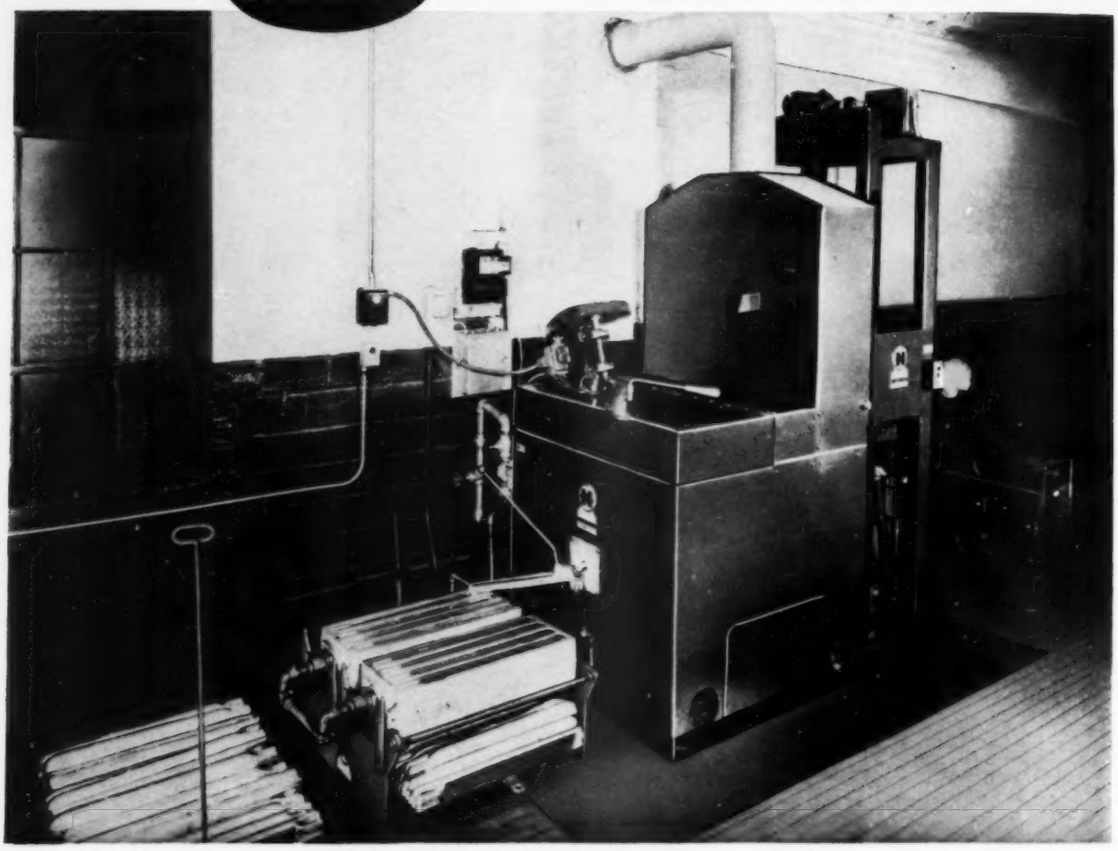
Harris Presses • Intertype Typesetting Machines • Cottrell Presses • Seybold Cutters
Macey Collators • Harris Chemicals and Sensitized Plates • Gates Broadcasting Equipment

LITHO. IN U.S.A. ON A HA

Back East, at Easton, Pennsylvania, Mack Printing Company has just completed installation of a Cottrell shorter-run web letterpress. Mack prints more than 50 technical publications, including the weekly 100,000 copies of *Chemical and Engineering News.* The new press slices as much as 50% from press time which allows the magazine two or three more days for late news.

INTERTYPE *(As seen in action from Quebec to Missouri)*

ANOTHER NOLAN CUSTOM-BUILT INSTALLATION



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Save time, labor and space on metal and metal handling. The Nolan Remelter melts a full pot in less than one hour and a half, additional loads in less than one hour. (Currently being built from 600 pounds through 30 tons capacity). The Nolan Meltevator loads 600 pounds of metal in 30 seconds automatically.

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DEPT. P-12 **ROME, N. Y.**

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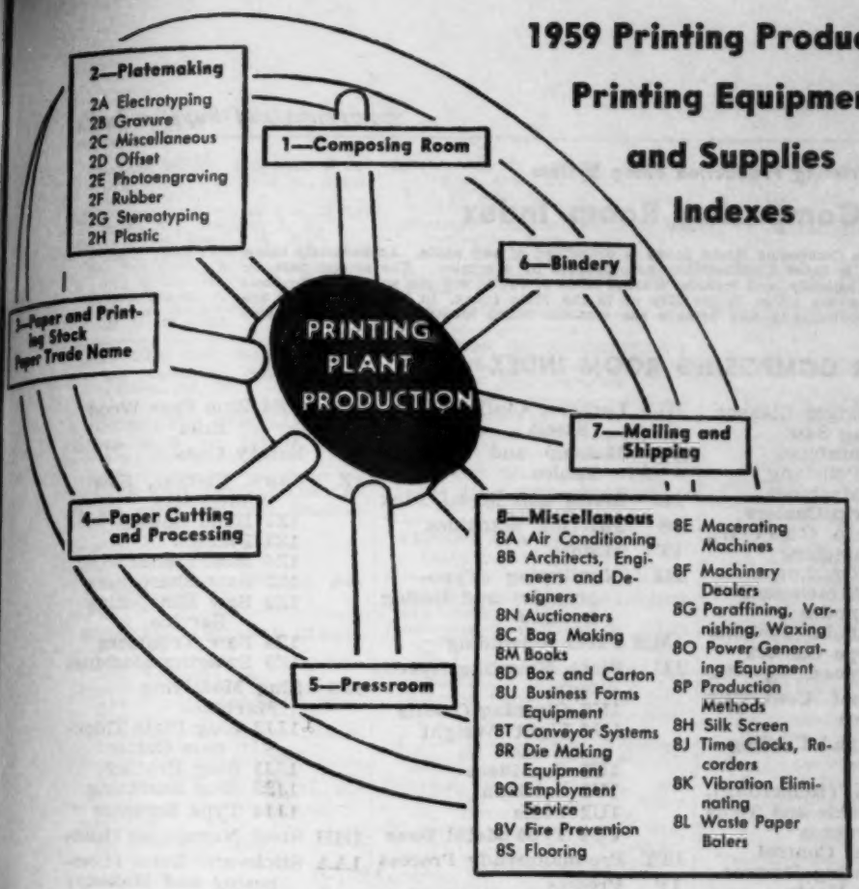
1959 Printing Production Printing Equipment and Supplies Indexes



The compilers of these indexes have used every precaution to insure the correct listing and spelling of manufacturers' firm names, addresses and the equipment and products supplied by them. For this reason, *Printing Production* cannot be responsible for omissions or errors.

How to Use These Indexes

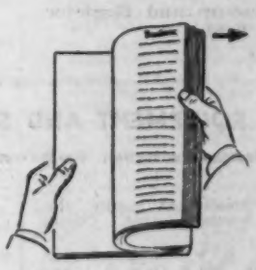
As will be seen by looking at this chart, the printing equipment and supplies indexes have been divided into eight main indexes each one representative of the department in the printing plant in which the equipment and supplies are used. Thus, if one wishes to locate equipment or supplies for the pressroom all he needs to do is to turn to 5—Pressroom Index on page 171. In this way, the executive will be concerned with an index consisting of sources of supply **for the pressroom only.** In this way, while he is hunting pressroom sources of supply he is not concerned with the many sources of supply for other departments in the plant.

Please bear in mind that if you do not wish to follow the symbolized entries in each index, you may just ignore the symbols and use any of the indexes as a straight alphabetical index.

Two of the eight main indexes, **2—Platemaking,** and **8—Miscellaneous,** have been broken down into separate components. Thus **2—Platemaking** contains eight separate platemaking indexes grouped together for convenience. Under **8—Miscellaneous** will be found names and addresses of manufacturers not usually identified with regular printing plant departments.

The Printing Press Specification Tables, as usual, are in a separate section, starting on page 221. The tables have been corrected to date and contain additional information.

Use the thumb index (as shown below) for quick location of any index



Index

1—Composing Room . . . 140

2—Platemaking 146

2A Electrotyping 146

2B Gravure 147

2C Miscellaneous 150

2D Offset 151

2E Photoengraving 157

2F Rubber 161

2G Stereotyping 162

2H Plastic 166

3—Paper, Printing Stock 167

Paper Trade Name . . 168

4—Paper Cutting and Processing 169

5—Pressroom 171

6—Bindery 182

7—Mailing, Shipping . . . 186

8—Miscellaneous 188

8A Air Conditioning

8B Architects, Engineers and Designers

8N Auctioneers

8C Bag Making

8M Books

8D Box and Carton

8U Business Forms Equipment

8T Conveyor Systems

8R Die Making Equipment

8Q Employment Service

8V Fire Prevention

8S Flooring

8E Macerating Machines

8F Machinery Dealers

8W Machinery Movers

8G Paraffining, Varnishing, Waxing

8O Power Generating Equipment

8P Production Methods

8H Silk Screen

8J Time Clocks, Recorders

8K Vibration Eliminating

8L Waste Paper Balers

Trade Name Index 192

Manufacturers, Suppliers, Dealers 209

Printing Press Specifications 221

***Printing Production* Filing System**

1 — Composing Room Index

HOW TO USE THIS INDEX—This Composing Room Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR COMPOSING ROOM INDEX

1A Adhesives
1SS Aprons
1B Belts
- 1B1 Cord Rubber (Linecasting)
- 1B2 Dressing
- 1B3 Fabricated
- 1B4 Leather

1C Binders for Newspapers
1D Blowers (Portable Cleaning)
1E Cabinets, Stands, Typecases, etc.
- 1E1 Dispatch Room

1F Chases, Quoins and Lockup Accessories
1G Composing Machines (Hot Metal) and Supplies
- 1G22 Floor Pig Rack
- 1G16 Furniture Molds
- 1G1 Keyboards, Keyboard Operating Units and Tape Perforators
- 1G17 Keyboard Operating Tape
- 1G2 Lead and Rule Casters, (Casting Mechanism of Linecasting Machines)
- 1G3 Machines
- 1G20 Magazines
- 1G5 Matrices
- 1G19 Matrices, Special
- 1G6 Matrix Cleaning
- 1G18 Matrix Lug Swaging Tool
- 1G7 Matrix Processing
- 1G15 Metal Melting Devices
- 1G8 Parts
- 1G12 Plunger Cleaner
- 1G21 Slug Saw
- 1G14 Spaceband Polishing Machines
- 1G4 Strip Casters
- 1G23 Strip Casting Machine Knurling Attachment
- 1G9 Supplies
- 1G13 Tabular Systems
- 1G10 Type Casters
- 1G11 Typesetting

1QQ Copy-Proof Conveying Systems
1J Feeders and Feeding Devices
1K Furnaces (Remelting), Pig Molds and Tools
- 1K1 Furnaces
- 1K5 Heat Control
- 1K2 Heating Devices
- 1K3 Pig Molds
- 1K6 Replacement Pots
- 1K4 Tools

1L Furniture
- 1L1 Composition
- 1L2 Metal
- 1L3 Wood

1M Galleys and Locks
- 1M1 Galleys
- 1M2 Galley Locks

1N Gauges
- 1N8 Angle
- 1N1 Copyfitting
- 1N7 Makeup
- 1N3 Matrix
- 1N4 Micrometer
- 1N5 Plate
- 1N6 Rule
- 1N2 Type-high

1O Lead and Rule Cutters
1GG Lighting Units
1P Line-up and Register Tables
1OO Lockers, Clothing (Steel)
1Q Makeup and Storage Tables
1R Metal and Metal Flux
1S Mitering Machines
1T Motors
1H Numbering (Typographic) and Dating Devices
1MM Parts Rebuilding
1U Plate Mounting Systems
- 1U3 Cleaning Outfits
- 1U6 Light Weight Base
- 1U5 One-Piece
- 1U1 Sectional
- 1U2 Tools
- 1U4 Type Metal Base

1TT Pre-makeready Process
1V Presses
- 1V4 Printing Pressure Gauge
- 1V1 Proofing
- 1V3 Rotary
- 1V2 Testing

1RR Proof Driers
1KK Punches, Press
1LL Reproduction Proofing
- 1LL1 Mounting Equipment
- 1LL2 Photomechanical
- 1LL3 Relief
- 1LL4 Proof Stock
  - 1LL4.1 Special
  - 1LL4.2 Transparent
- 1LL5 Wax
- 1LL6 Drier

1W Routers for Line Slugs
1X Rule
- 1X1 Brass
- 1X3 Cutting, Creasing, Perforating
- 1X2 Type Metal Strip
- 1X4 Zinc Face Wood Rule

1Y Safety Cans
1Z Saws, Planers, Saw Sharpeners
- 1Z7 Band Saws
- 1Z1 Planers
- 1Z6 Saw Blades
- 1Z2 Saw Sharpeners
- 1Z3 Saw Sharpening Service
- 1Z4 Saw Trimmers
- 1Z5 Swaging Machines

1JJ Slug Modifying Machines
- 1JJ2 Slug Plate Thickness Cutter
- 1JJ1 Slug Profiler
- 1JJ3 Slug Surfacing
- 1JJ4 Type Screener

1HH Steel Newspaper Heads
1AA Sticks and Rules (Composing and Makeup)
1BB Thermometers and Pyrometers
1CC Tools (Machinist)
1DD Trucks
- 1DD5 Form
- 1DD1 Form File
- 1DD2 Form Lift
- 1DD3 Makeup
- 1DD4 Metal

1NN Tweezers
1EE Type
- 1EE1 Aluminum
- 1EE2 Borders
- 1EE3 Brass
- 1EE4 Casting Machine Matrix
- 1EE5 Foundry
- 1EE6 Steel
- 1EE8 Thin Spaces
- 1EE7 Wood

1UU Type Tieup
1FF Type Washes

COMPOSING ROOM EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

○Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

ADHESIVES 1A

○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L. I., N. Y.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two-side film and tape.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.
Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.
Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.

ALUMINUM TYPE
See under Type 1EE.

APRONS 1SS

Bemis Bros. Bag Co., 408 Pine St., P.O. Box 133, St. Louis 2, Mo.
Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y.
Hoosier Tarpaulin & Canvas Goods Co., Inc., 1302 W. Washington St., Indianapolis 6, Ind.
Miller Apron Co., 1943 Fourth St., LaVerne, Calif.

AUTOMATIC SAW-FILING EQUIPMENT
See under Saws, Planers, Saw Sharpeners 1Z.

B

BASES AND HOOKS
See Plate Mounting Systems 1U.

BELTS 1B
- 1B1 Cord Rubber (Linecasting)
- 1B2 Dressing
- 1B3 Fabricated
- 1B4 Leather

Cling-Surface Co., 1032-48 Niagara St., Buffalo 13, N. Y.—1B2.
Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.
Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.—1B3.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.—1B1.
Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.—1B1.
Ton-Tex Corp., 247 Pearl St., N. W., Grand Rapids 2, Mich.
United States Rubber Co., 1230 Ave. of the Americas, New York 20, N. Y.—1B1.

BENCHES FOR MACHINISTS
See Cabinets, Stands, Type Cases, etc, 1E.

BINDERS FOR NEWSPAPERS 1C
Rouse, H. B., Co., 2214 N. Wayne Ave., Chicago 14, Ill.

BLACK AND WHITE MATRICES
See under Composing Machines and Supplies 1G.

BLOCK LEVELERS
See under Saws, Planers, Saw Sharpeners 1Z.

BLOWERS (PORTABLE CLEANING) 1D
Ace-Sycamore, Inc., 448 Dekalb Ave., Sycamore, Ill.
American Blower Division of American-Standard, 8111 Tireman Ave., Dearborn, Mich.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
Passche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Parkway, Chicago 14, Ill.

BORDERS
See under Type 1EE.

BRASS RULE
See under Rule 1X.

BRASS TYPE
See under Type 1EE.

C

CABINETS, STANDS, TYPE-CASES, ETC., 1E
1E1 Dispatch Room.
American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Angle Steel, Inc., 169 Acorn St., **Plainwell, Mich.**
Challenge Machinery Co., The, First St., Grand Haven, Mich.
Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
Equipto, 401 S. Highland, Aurora, Ill.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.—1E, 1E1.
Hamilton Manufacturing Co., **1316—18th St., Two Rivers,** Wis.—1E, 1E1.
Hammond Machinery Builders, Inc., 1600 Douglas Ave., **Kalamazoo 54, Mich.**
Hansen Metal Products Co., 7171 W. Bloomingdale Ave., Chicago 35, Ill.—1E1.
Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
Linotype Maintenance Co., 277 Broadway, New York 7, N. Y.
Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.
Lyon Metal Products, Inc., Aurora, Ill.
Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 3, Minn.
Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Petersen Mfg. Co., 18 Sebago St., Clifton, N. J.
Penco Division, Alan Wood Steel Co., Oaks, Pa.
Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill.
Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.
Thompson Cabinet Co., Lake St., Ludington, Mich.

CALIPERS FOR SLUGS AND TYPE
See Under Gauges 1N.

CAMERAS, REPROPORTIONING
See Cameras and Accessories under Photoengraving 2E3.

CANS, SAFETY
See under Safety Cans 1Y.

CASTERS, LEAD AND RULE
See under Composing Machines and Supplies 1G.

CEMENT FOR CUTS
See Adhesives 1A.

CHASES, QUOINS AND LOCKUP ACCESSORIES 1F
American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bancroft, Ralph, Co., 324 Fifth Ave. So., Minneapolis 15, Minn. Slug-high sinkers.
Beard Newsprint & Warehouse Co., Inc., 8761 Fulton St., Detroit 9, Mich.
Carlson, Chesley F., Co., Ben Franklin Bldg., 419 S. Third St., Minneapolis 15, Minn.
Challenge Machinery Co., The, First St., Grand Haven, Mich.
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can.
Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.
Garland Manufacturing Co., 46 Water St., Saco, Me. Rawhide mallets.
Greene, C. R., Printing Co., 115 N. 4th St., Tipp City 1, O.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Hempel, H. A., 586 Tonawanda St., Buffalo 7, N. Y.
Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 45, Pa.
Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex.
Mendez Company, 30 Beekman St., New York 38, N. Y.
Printing Machinery Co., The, 436 **Commercial Sq., Cincinnati 2, O.**
Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
Sandblom Steel Chase Co., 426 S. Clinton St., Chicago 7, Ill.
Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill. Make-up gauge.

CLEANERS FOR MATRICES
See under Composing Machines and Supplies 1G.

CLEANERS FOR TYPE
See Type Washes 1FF.

COMPOSING MACHINES (HOT METAL) and SUPPLIES 1G
1G22 Floor Pig Rack.
1G16 Furniture Molds.
1G1 Keyboards, Keyboard Operating Units and Tape Perforators.
1G17 Keyboard Operating Tape.
1G2 Lead and Rule Casters.
1G20 Magazines.
1G5 Matrices.
1G19 Matrices, Special.
1G6 Matrix Cleaning.
1G18 Matrix Lug Swaging Tool.
1G7 Matrix Processing.
1G15 Metal Melting Devices.
1G8 Parts.
1G12 Plunger Cleaner.
1G21 Slug Saws.
1G14 Spaceband Cleaner.
1G4 Strip Casters.
1G23 Strip Casting Machine Knurling Attachment.
1G9 Supplies.
1G13 Tabular Systems and Supplies.
1G10 Type Casters.
1G11 Typesetting.
Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass.—1G15.
American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.—1G8, 1G9.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—1G8, 1G9.
Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md.—1G5.
Bar-O-Type Corporation, 400 Lakeside Ave., Cleveland 13, O.—1G3, 1G5.
Bar-Rack Co., The, 2530 East Ave., Akron 14, O.—1G22.
Casey's, Roger, Newspaper Service Co., 425 S. 5th St., Minneapolis 15, Minn.—1G19.
Compactor Manufacturing Co., 1610 W. Springfield Ave., Champaign, Ill.—1G8.
Curlesaw, Incorporated, 1725 Maple St., Los Angeles 15, Calif.—1G8.
Dixie Type & Supply Co., Inc., 930 N. Sixth Ave., Birmingham 1, Ala.—1G9, 1G16.
Dixon, Joseph, Crucible Co., 167 Wayne St., Jersey City 3, N. J.—1G9.
Dri-Stain Products Co., 3421 Colfax Ave. A, Denver 6, Colo.—1G7.
Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—1G8, 1G9.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—1G15.
Ewald, L., Co., 14359 Bessemer St., Van Nuys, Calif.—1G12.
Fairchild Graphic Equipment Inc., Teletypesetter Div., 2752 N. Clybourn Ave., Chicago 14, Ill.—1G1, 1G17.
Fenwal, Incorporated, Pleasant St., Ashland, Mass.—1G15.
Fisk Industries, 130 W. 46th St., New York 36, N. Y.—1G6, 1G18.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa. — Linecomposing magazine racks.
Hartco Manufacturing Co., 224 **Meade St., Chester, Pa.—1G14.**
Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.—1G8, 1G14.
Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.—1G9.
Hutzler, Federico K., Co., 1133 Broadway, New York 10, N. Y.—1G4, 1G9. Spacebands.
Inland Newspaper Supply Co., 422 W. Eighth St., Kansas City 5, Mo.—1G8.
Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.—1G3, 1G5, 1G8, 1G9, 1G16.
L & W Service Co., One Waterman Ave., E. Providence 14, R. I.—1G19.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—1G1, 1G2, 1G3, 1G4, 1G5, 1G8, 1G9, 1G10, 1G11.
Link Paper Co., 45 Cedar Lane, Englewood, N. J.—1G17.
Linotype Maintenance Co., 277 Broadway, New York 7, N. Y.—1G8.
Linotype Supply Co., Inc., 8 Beach St., New York 13, N. Y.—1G8, 1G9.
Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.—1G2, 1G3, 1G4, 1G5, 1G8, 1G9, 1G13, 1G16.
Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.—1G6, 1G7.
Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1G2, 1G3, 1G4, 1G5, 1G8, 1G9.
Modern Matrix Co., P.O. Box 192, Grantsburg, Wis.—1G19.
Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.—1G21.
Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 19, Minn.—1G15.
Montgomery Company, Inc., Pratt Ave., P.O. Box 309, Towanda, Pa.—1G5, 1G8, 1G9.
Moore, Jack, 560 Eastland Rd., Berea, O.—1G19.
Newton Machine Co., 211 High Ave., Cleveland 15, O.—1G8.
Paper Manufacturers Co., **9800 Bustleton Ave., Philadelphia 15, Pa.—1G17.**
Partlow Corporation, 2 Campion Rd., Hartford, N. Y.—1G8.
Radio Corp. of America, Industrial Products Div., Front & Cooper, Camden, N. J.—1G1, 1G17.
Rich & McLean, Inc., **18 Jacob St., New York 38, N. Y.—1G8.** 1G9.
Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1G8.
Service Engraving Works, Inc., 692 Broadway, New York 12, N. Y.—1G5, 1G19.
Shaffstall Equipment, Inc., 1717 **Gent Ave., Indianapolis, Ind.—1G1.**
Shidler, V. C., Products, 720 Milford St., Glendale 3, Calif.—1G23.
Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y.—1G19.
Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.—1G8, 1G9, 1G14.
Typesetting Machine Engineers, 5847 Lawrence Ave., Chicago 30, Ill.—1G5, 1G6, 1G10.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1G12.
Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.—1G4, 1G13.
Wiebking Engraving Co., 1133 N. Newport Ave., Chicago 13, Ill.—1G19.

COMPOSING MACHINE FEEDERS AND FEEDING DEVICES
See under Feeders and Feeding Devices 1J.

COMPOSITION FURNITURE
See under Furniture 1L.

COMPOSITOR'S RULE
See under Gauges 1N.

COPY-PROOF CONVEYING SYSTEMS 1QQ
Jampol Company, Inc., The, 728—61st St., Brooklyn 20, N. Y.
Lamson Corporation, The, 250 Lamson St., Syracuse 1, N. Y.
Novak Company, Inc., The, 118 Waynewood Park, Plainfield, N. J.
Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

COPY DESKS
See Cabinets, Stands, Type Cases, etc., 1E.

COPY FITTING SYSTEMS
See under Gauges 1N.

CORD RUBBER BELTS (LINECASTING)
See under Belts 1B.

CREASING, CUTTING AND PERFORATING RULE
See under Rule 1X.

CUT CEMENT
See Adhesives 1A.

CUT CLEANING FLUID
See Type Washes 1FF.

CUT LEVELERS
See under Saws, Planers, Saw Sharpeners, 1Z.

CUTTERS, LEAD AND RULE
See Lead and Rule Cutters 1G.

CUTTING, CREASING AND PERFORATING RULE
See under Rule 1X.

D

DATING AND NUMBERING (TYPOGRAPHIC) DEVICES
See Numbering (Typographic) and Dating Devices 1H.

DESKS, COPY
See Cabinets, Stands, Type Cases, etc., 1E.

DESKS FOR FOREMEN
See Cabinets, Stands, Type Cases, etc., 1E.

DIES, RULES FOR MAKING
See under Rule 1X.

DRESSING FOR BELTS
See under Belts 1B.

DRIVES FOR COMPOSING ROOM MACHINERY
See Motors 1T.

E

ELROD METAL
See Metal and Metal Flux 1R.

EQUIPMENT FOR SHARPENING SAW-TRIMMERS
See under Saws, Planers, Saw Sharpeners 1Z.

F

FABRICATED BELTS
See under Belts 1B.

FEEDERS AND FEEDING DEVICES FOR COMPOSING MACHINES 1J

- Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
- Electric Heating Co., 8616 Madison Ave., South Gate, Calif.
- Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
- Linotype Maintenance Co., 277 Broadway, New York 7, N. Y.
- Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y.
- Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
- Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
- Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.
- Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.
- Streamline Metal Feeder Co., 116 Walker St., New York 13, N. Y.
- United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

FILES AND FILE RACKS
See Cabinets, Stands, Typecases, etc. 1E.

FILING EQUIPMENT FOR SAWS
See under Saws, Planers, Saw Sharpeners 1Z.

FLUID FOR CLEANING TYPE
See Type Washes 1FF.

FLUORESCENT LIGHTING UNITS
See under Lighting Units 1GG.

FLUX FOR METAL
See Metal and Metal Flux 1R.

FOREMEN'S DESKS
See Cabinets, Stands, Type Cases, etc., 1E.

FORM TRUCKS
See Trucks 1DD.

FOUNDRY TYPE
See under Type 1EE.

FURNACES (REMELTING), PIG MOLDS AND TOOLS 1K
1K1 Furnaces.
1K5 Heat Control.
1K2 Heating Devices.
1K3 Pig Molds.
1K6 Replacement Pots.
1K4 Tools.

- Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass.—1K2, 1K5.
- Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—1K5.
- Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can.—1K1.
- Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—1K1, 1K2, 1K3, 1K5, 1K6.
- Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—1K1, 1K3, 1K4.
- Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.—1K1, 1K3, 1K4.
- Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.—1K1, 1K3, 1K4.
- Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.—1K2.
- Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1K1, 1K3, 1K4.
- Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1K1, 1K3, 1K4.
- Partlow Corporation, 2 Campion Rd., New Hartford, N. Y.—1K1.
- Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.—1K1, 1K3, 1K4.
- Selas Corp. of America, Dresher, Pa.—1K1.
- Surface Combustion Corp., 2375 Dorr St., Toledo 1, O.—1K1.
- Tork Time Controls, Inc., 52 McQuesten Parkway, Mt. Vernon, N. Y.—1K5.
- United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1K1, 1K3.

FURNITURE 1L
1L1 Composition.
1L2 Metal.
1L3 Wood.

- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1L3.
- Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—1L2.
- Barco Type Founders, 64 Wagner, Northlake, Ill.—1L2.
- Bauer Alphabets, Inc., 235 E. 45th St., New York 17, N. Y.—1L2.
- Challenge Machinery Co., The, First St., Grand Haven, Mich.—1L2.
- Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1L1, 1L2, 1L3.
- Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—1L3.
- Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—1L2.
- Perfection Type, Inc., 35 E. Kellog Cedar, St. Paul, Minn.—1L2.
- Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.—1L2.
- Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y.—1L3.

G

GALLEYS AND LOCKS 1M
1M1 Galleys.
1M2 Galley Locks.

- American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1M1.
- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
- Challenge Machinery Co., The, First St., Grand Haven, Mich.—1M1, 1M2.
- Corkpak Company, Inc., 70 Argyle Ave., New Rochelle, N. Y.—1M1, 1M2.
- Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.—1M1, 1M2.
- Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1M1.
- Petersen Mfg. Co., 18 Sebago St., Clifton, N. J.—1M1.
- Riehl Galley Lock Co., The, 748 E. 82nd St., Cleveland 3, O.—1M2.
- Rosback, F. P., Co., 5th and Park Sts., Benton Harbor, Mich.—1M2.

GALLEY LOCKS
See Galleys 1M.

GAUGES 1N
1N8 Angle
1N1 Copyfitting.
1N7 Makeup.
1N3 Matrix.
1N4 Micrometer.
1N5 Plate.
1N6 Rules.
1N2 Type High.

- Alico, Incorporated, Montague, Mass.—1N2, 1N5.
- American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.—1N2, 1N3, 1N4, 1N5.
- Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.—1N4, 1N6.
- Challenge Machinery Co., The, First St., Grand Haven, Mich. 1N2.
- Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.—1N6. Inches, picas, agate scales.
- Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
- Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y., 1N2, 1N6.
- Elco Typographic Service, 161 Dueber Ave., S.W., Canton 6, O.—1N1.
- Empco Manufacturing Co., 929 Atlantic Ave., Atlantic City, N. J.—1N1.
- Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—1N1.
- Haberule Company, Wilton, Conn.—1N1.
- Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1N6.
- Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
- Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.—1N1.
- Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—1N1, 1N3.
- Lee, Arthur B., 25 W. 45th St., New York 36, N. Y.—Copy fitting system, 1N1.
- Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1N1.
- Nolan Machinery Co., Port St., Pulaski, N. Y.—1N2.
- O'Sullivan Composition Co., 491 Broadway, New York 6, N. Y.—1N6.
- Pavey, Van R., 305 E. 46th St., New York 17, N. Y.—1N1.
- Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—1N4.
- Pittsburgh White Metal Co., Inc., 284 Hamilton Ave., Brooklyn 31, N. Y.—1N2.
- Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1N6.
- Shidler, V. C., Products, 720 Milford St., Glendale 3, Calif.—1N8.
- Starrett, L. S., Co., Crescent St., Athol, Mass.—1N4.
- Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.—1N4.
- Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—1N2.
- Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1N2, 1N5, 1N7.

GRINDING EQUIPMENT FOR SAWS
See Saws, Planers, Saw Sharpeners 1Z.

H

HOOKS FOR BASES
See Plate Mounting Systems 1U.

HYDRAULIC FORM FILE
See under Trucks 1DD.

I

IMPOSING TABLES
See Makeup and Storage Tables 1Q.

INDIVIDUAL MOTOR DRIVES
See Motors 1T.

INGOT MOLDS
See Furnaces 1K.

INTERTYPE METAL
See Metal and Metal Flux 1R.

K

KEYBOARDS, KEYBOARD OPERATING UNITS AND TAPE PERFORATORS
See under Composing Machines and Supplies 1G.

KEYS FOR QUOINS
See Chases, Quoins and Lockup Accessories 1F.

L

LEAD AND RULE CASTERS
See under Composing Machines and Supplies 1G.

LEAD AND RULE CUTTERS 10

- American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
- Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
- Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
- Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.
- Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
- Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
- Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

LEATHER BELTS
See under Belts 1B.

LEVELERS FOR BLOCKS
See under Saws, Planers, Saw Sharpeners 1Z.

LIFT TRUCKS FOR FORMS
See under Trucks 1DD.

LIGHTING UNITS 1GG

- General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.
- Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

LINECASTING MACHINES
See under Composing Machines and Supplies 1G.

LINE GAUGES
See under Gauges 1N.

LINE SLUG ROUTERS
See Routers for Line Slugs 1W.

LINE-UP AND REGISTER TABLES 1P

- Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
- Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can.
- Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.
- Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
- Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
- Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
- Pittsburgh White Metal Co., Inc., 284 Hamilton Ave., Brooklyn 31, N. Y.
- Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
- Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
- Taylor Machine Co., 210 Guilford Ave., Baltimore 2, Md.

LINOTYPE METAL
See Metal and Metal Flux 1R.

LOCKS FOR GALLEYS
See Galleys 1M.

LOCKERS, CLOTHING (STEEL) 100
Equipto, 401 S. Highland, Aurora, Ill.
Lyon Metal Products, Inc., Aurora, Ill.
Penco Division, Alan Wood Steel Co., Oaks, Pa.

LOCK-UP ACCESSORIES, CHASES AND QUOINS
See Chases, Quoins and Lock-up Accessories 1F.

LUDLOW METAL
See Metal and Metal Flux 1R.

M

MACHINIST BENCHES
See Cabinets, Stands, Type Cases, etc., 1E.

MACHINIST TOOLS
See Tools 1CC.

MAKEUP AND COMPOSING RULES
See Sticks and Rules 1AA.

MAKEUP AND STORAGE TABLES 1Q
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.
Thompson Cabinet Co., Lake St., Ludington, Mich.
Vermont Marble Co., 61 Main St., Proctor, Vt. Marble imposing surfaces.

MAKEUP TRUCKS
See under Trucks 1DD.

MATERIAL MAKERS
See under Composing Machines and Supplies 1G.

MATRICES, BLACK AND WHITE
See under Composing Machines and Supplies 1G.

MATRICES FOR COMPOSING MACHINES
See under Composing Machines and Supplies 1G.

MATRICES FOR TYPECASTING
See under Composing Machines and Supplies 1G.

MATRIX, CLEANING
See under Composing Machines and Supplies 1G.

MATRIX GAUGES
See under Gauges 1N.

MATRIX PROCESSING
See under Composing Machines and Supplies 1G.

METAL AND METAL FLUX 1R
Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.
Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.
National Lead Co., 111 Broadway, New York 6, N. Y.
Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

METAL FLUX
See Metal and Metal Flux 1R.

METAL FURNITURE
See under Furniture 1L.

METAL STRIP RULE
See under Rule 1X.

METAL TEMPERATURE INDICATORS
See Thermometers and Pyrometers 1BB.

METAL TRUCKS
See under Trucks 1DD.

MICROMETERS FOR COMPOSING ROOM USE
See under Gauges 1N.

MITERING MACHINES 1S
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.

MOLDS FOR PIGS, REMELTING FURNACES AND TOOLS
See Furnaces (Remelting), Pig Molds and Tools 1K.

MONOTYPE METAL
See Metal and Metal Flux 1R.

MOTORS 1T
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

MOUNTING SYSTEMS FOR PLATES
See Plate Mounting Systems 1U.

N

NEWSPAPER BINDERS
See Binders for Newspapers 1C.

NUMBERING (TYPOGRAPHIC) AND DATING DEVICES 1H
American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Ameurope, Inc., 535 Communipaw Ave., Jersey City 4, N. J.
Arnold Numbering Machine Works, 434 S. Wabash, Chicago 5, Ill.
Atlas Numbering Machine Service, 270 Lafayette St., New York 12, N. Y.
○Corkpak Company, Inc., 70 Argyle Ave., New Rochelle, N. Y.
○Force, Wm. A., & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
National Numbering Machine Co., 42-25 Ninth St., Long Island City 1, N. Y.
Redington, F. B., Co., 3000 St. Charles Rd., Bellwood, Ill.
Roberts Numbering Machine Div. Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.
○Wetter Numbering Machine Co., Atlantic Ave and Logan St., Brooklyn 8, N. Y.

O

OILY WASTE CANS
See Safety Cans 1Y.

P

PARTS FOR COMPOSING MACHINES
See under Composing Machines and Supplies 1G.

PARTS REBUILDING 1MM
Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
○Montgomery Company, Inc., Pratt Ave., P.O. Box 309, Towanda, Pa.
○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

PERFORATING, CUTTING AND CREASING RULE
See under Rule 1X.

PERFORATORS FOR KEYBOARD TAPE
See under Composing Machines and Supplies 1G.

PHOTOTYPESETTING MACHINES
See Offset 2D46.

PICA GAUGES
See under Gauges 1N.

PIG MOLDS, REMELTING FURNACES AND TOOLS
See Furnaces (Remelting), Pig Molds and Tools 1K.

PLANERS
See Saws, Planers, Saw Sharpeners 1Z.

PLATE GAUGES
See under Gauges 1N.

PLATE MOUNTING SYSTEMS 1U
1U3 Cleaning Outfits.
1U6 Light Weight Base.
1U5 One-Piece.
1U1 Sectional.
1U2 Tools.
1U4 Type Metal Base.
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.—1U1, 1U2, 1U5.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—1U1, 1U2.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—1U5. Synthetic base.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—1U4.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.—1U4.
M & L Typesetting & Electrotyping Co., Inc., 4001 Ravenswood Ave., Chicago 13, Ill.—1U4.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—1U5, 1U6.
Moore, Jack, 560 Eastland Rd., Berea, O.—1U6.
National Lead Co., 111 Broadway, New York 6, N. Y.—1U1, 1U2, 1U5.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—Mounting press, without tape or nails.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.—1U1, 1U2.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1U1.
Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y.—1U1, 1U2.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1U4.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—1U1, 1U2.

PLATE PROOFING PRESSES
See under Presses 1V.

PORTABLE CLEANING BLOWERS
See Blowers (Portable Cleaning) 1D.

PRE-MAKEREADY BLOCK LEVELERS
See under Saws, Planers, Saw Sharpeners 1Z.

PRE-MAKEREADY PROCESS 1TT
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

PRESSES 1V
1V4 Printing Pressure Gauge.
1V1 Proofing.
1V3 Rotary.
1V2 Testing.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.—1V1.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—1V1.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—1V1, 1V2.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.—1V1.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—1V3.
○Hoe, R., & Co., 910 E. 138th St., New York 54, N. Y.—1V1.
Huck Company, 72 W. 45th St., New York 36, N. Y.—1V4.
Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.—1V1.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1V1.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—1V3.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—1V1.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1V1, 1V2.
Webb Machine Works, 1252 Dalzell St., Shreveport, La.—1V1.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—1V1.

PROOF DRIERS 1RR
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.
Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif.

PROOFING AND TESTING PRESSES
See under Presses 1V.

PROOFING SYSTEMS FOR REPRODUCTION
See under Reproduction Proofing 1LL.

PROOFS, REPRODUCTION
See under Reproduction Proofing 1LL.

PUNCHES, PRESS 1KK
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.

PYROMETERS AND THERMOMETERS
See Thermometers and Pyrometers 1BB.

Q

QUOIN KEYS
See Chases, Quoins and Lock-up Accessories 1F.

QUOINS, CHASES AND LOCK-UP ACCESSORIES
See Chases, Quoins and Lock-up Accessories 1F.

R

REGISTER AND LINE-UP TABLES
See Line-up and Register Tables 1P.

REGLET
See under Furniture 1L.

REMELTING FURNACES, PIG MOLDS AND TOOLS
See Furnaces (Remelting), Pig Molds and Tools 1K.

REPRODUCTION PROOFING 1LL
1LL6 Drier.
1LL1 Mounting Equipment.
1LL2 Photomechanical.
1LL3 Relief.
1LL4 Proof Stock.
1LL4.1 Special.
1LL4.2 Transparent.
1LL5 Wax.

- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1LL2, 1LL3.
- Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—1LL2.
- California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—1LL2.
- Challenge Machinery Co., The, First St., Grand Haven, Mich.—1LL3.
- Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—1LL6.
- Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—1LL2.
- Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif.—1LL6.
- Glyco Products Co., Inc., 350 Fifth Ave., New York 1, N. Y.—1LL5.
- Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—1LL2, 1LL4.2.
- Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—1LL2.
- National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—1LL4.
- Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—1LL2.
- Potdevin Machine Co., 297 North St., Teterboro, N. J.—1LL1, 1LL5.
- Roscoe Laboratories, 29 Moore St., Brooklyn 6, N. Y.—1LL4.2.
- Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.—1LL4.2.
- Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—1LL1, 1LL3.
- Warren, S. D., Co., 89 Broad St., Boston 1, Mass.—1LL4.1.

ROUTERS FOR LINE SLUGS 1W

- Challenge Machinery Co., The, First St., Grand Haven, Mich.
- Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
- Margach Manufacturing Co., Inc. 47 Wooster St., New York 13, N. Y.
- Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
- Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
- Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.

RULE 1X
1X1 Brass.
1X3 Cutting, Creasing and Perforating Rule.
1X2 Type Metal Strip.
1X4 Zinc Face Wood Rule.

- American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1X1, 1X3.
- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1X1, 1X2, 1X3.
- American Wood Type & Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.
- Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—1X1.
- Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md.—1X2.
- Boyd, H. S., Co., 6525 E. 24th St., P.O. Box 5014, Tulsa, Okla.—1X3.
- Gallo, K. D., Co., 4400 E. First St., Pittsburgh, Pa.—1X4.
- Hamilton Manufacturing Co., 1316 18th St., Two Rivers, Wis.—1X4.
- Irwin Manufacturing Co., Inc., Main St., Garland, Pa.
- Judson Type, Inc., 151 W. 23rd St., New York 11, N. Y.—1X.
- Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif.—1X2.
- Mendez Company, 30 Beekman St., New York 38, N. Y.—1X1, 1X2, 1X3.
- Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—1X3.
- Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—1X3.
- Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.—1X1, 1X2.
- Stripfounders, Incorporated, 4550 S. Federal St., Chicago 9, Ill.—1X2.
- Taylor Made Rule Co., 65 Flatbush Ave., Brooklyn 17, N. Y.—1X1, 1X3.
- United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1X2.
- Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y.—1X1, 1X3.

RULE AND LEAD CUTTERS
See Lead and Rule Cutters 1O.

RULE CASTERS
See under Composing Machines and Supplies 1G.

RULE FOR DIES
See under Rule 1X.

RULES, COMPOSING AND MAKEUP
See Sticks and Rules 1AA.

RULES FOR COMPOSITORS
See under Gauges 1N.

S

SAFETY CANS 1Y

- Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
- Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
- Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
- Justrite Manufacturing Co., 2061 N. Southport Ave., Chicago 14, Ill.
- Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
- Protectoseal Company, 1920 S. Western Ave., Chicago 8, Ill.
- Wesel Manufacturing Co., 1141 N. Washington St., Scranton 9, Pa.

SAWS, PLANERS, SAW SHARPENERS 1Z
1Z7 Band Saws.
1Z1 Planers.
1Z6 Saw Blades.
1Z2 Saw Sharpeners.
1Z3 Saw Sharpening Service.
1Z4 Saw Trimmers.
1Z5 Swaging Machines.

- American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1Z1, 1Z2, 1Z3, 1Z4.
- American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1Z6.
- American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.—1Z6.
- Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—1Z3, 1Z6.
- Brett Guard Co., Flatbush, Ind. Term. Bldg., 3611-14th Ave., Brooklyn 18, N. Y.—Saw guard.
- Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.—1Z3.
- Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill.—1Z4.
- Gay-Lee Co., 71 W. Fourteen Mile Rd., Clawson, Mich.—1Z6.
- Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—1Z4.
- Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—1Z1, 1Z2, 1Z4, 1Z6.
- Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—1Z2.
- Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—1Z4.
- Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—1Z4.
- Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—1Z1, 1Z4, 1Z6.
- Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1Z1, 1Z4.
- North American Products Corp., P.O. Box 210, Center Grove Rd., Edwardsville, Ill.—1Z3, 1Z6.
- Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—1Z4.
- Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—1Z1, 1Z4.
- Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1Z4, 1Z7.
- Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—1Z4.
- Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O. 1Z3, 1Z6.
- Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—1Z3.
- Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—1Z6.
- Starrett, L. S., Co., Crescent St., Athol, Mass.—1Z6, 1Z7.
- Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, O.—1Z4.
- Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—1Z2, 1Z4, 1Z5.
- Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.—1Z2, 1Z3.
- Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—1Z4.
- Wardwell Manufacturing Co., 3805 Ridge Rd., Cleveland 9, O.—1Z2.
- Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
- Westcott & Thomson, 1027 Arch St., Philadelphia 5, Pa.

SAW FILING EQUIPMENT
See under Saws, Planers, Saw Sharpeners, 1Z.

SAW GRINDERS
See under Saws, Planers, Saw Sharpeners, 1Z.

SAW SHARPENERS FOR SAW TRIMMERS
See under Saws, Planers, Saw Sharpeners 1Z.

SAW TRIMMERS AND SHARPENING EQUIPMENT
See under Saws, Planers, Saw Sharpeners 1Z.

SLUG CALIPERS
See under Gauges 1N.

SLUG ROUTERS
See Routers for Line Slugs 1W.

SLUG MODIFYING MACHINES 1JJ
1JJ2 Slug Plate Thickness Cutter.
1JJ1 Slug Profiler.
1JJ3 Slug Surfacer.
1JJ4 Type Screener.

- Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.—1JJ4.
- Curelsaw, Incorporated, 1725 Maple St., Los Angeles 15, Calif.—1JJ1, 1JJ2, 1JJ3.
- Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.—1JJ2, 1JJ3.
- Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—1JJ3.
- Morrison Company, The, 125 W. Melvina St., Milwaukee, Wis.—1JJ2.

SPACEBAND POLISHING MACHINES
See Composing Machines and Supplies 1G.

STANDS, CABINETS, TYPE CASES ETC.
See Cabinets, Stands, Type Cases, etc. 1E.

STEEL NEWSPAPER HEADS 1HH

- Moore, Jack, 560 Eastland Rd., Berea, O.
- Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y.

STEEL TYPE
See under Type 1EE.

STICKS AND RULES (COMPOSING AND MAKEUP) 1AA

- Hackensack Specialty Mfg. Co., The, 200 Atlantic St., Hackensack, N. J.
- Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
- Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
- Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.

STICKS, COMPOSING
See Sticks and Rules 1AA.

STORAGE AND MAKEUP TABLES
See Makeup and Storage Tables 1Q.

STRIP CASTERS
See under Composing Machines and Supplies 1G.

STRIP METAL RULE
See under Rule 1X.

SUPPLIES FOR COMPOSING MACHINES
See under Composing Machines and Supplies 1G.

SYSTEMS FOR FITTING COPY
See under Gauges 1N.

SYSTEMS FOR PLATE MOUNTING
See Plate Mounting Systems 1U.

SYSTEMS, TABULAR
See under Composing Machines and Supplies 1G.

T

TABLES, LINE-UP AND REGISTER
See Line-up and Register Tables 1P.

TABLES, MAKEUP AND STORAGE
See Makeup and Storage Tables 1Q.

TABULAR SYSTEMS
See under Composing Machines and Supplies 1G.

TAPE PERFORATORS FOR COMPOSING MACHINES
See under Composing Machines and Supplies 1G.

TEMPERATURE INDICATOR FOR METAL
See Thermometers and Pyrometers 1BB.

TESTING AND PROOFING PRESSES
See under Presses 1V.

THERMOMETERS AND PYROMETERS 1BB
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.
Fenwal, Incorporated, Pleasant St., Ashland, Mass.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Partlow Corporation, 2 Campion Rd., New Hartford, N. Y.
Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia 30, Pa.
Pyrometer Instrument Co., Inc., 92 Portland St., Bergenfield, N. J.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.
Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.
Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.

TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TOOLS FOR REMELTING METAL
See Furnaces (Remelting), Pig Molds and Tools 1K.

TOOLS (MACHINIST) 1CC
Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.
Casey's, Roger, Newspaper Service Co., 425 S. 5th St., Minneapolis 15, Minn.
○Fisk Industries, 130 W. 46th St., New York 36, N. Y.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
Starrett, L. S., Co., Crescent St., Athol, Mass.
Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L.I., N. Y.

TRUCKS 1DD
1DD5 Form.
1DD1 Form File.
1DD2 Form Lift.
1DD3 Makeup.
1DD4 Metal.
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—1DD1, 1DD2, 1DD3, 1DD4, 1DD5.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.—1DD2.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y.—1DD5.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—1DD3.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—1DD1, 1DD2, 1DD3, 1DD4, 1DD5.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—1DD2, 1DD3.
International Newspaper Supply Corp., 1639 N. Lorel Ave., Chicago 39, Ill.—1DD3.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—1DD2.
Moore, Jack, 560 Eastland Rd., Berea, O.—1DD3.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—1DD2, 1DD4, 1DD5.
Nolan Machinery Co., Port St., Pulaski, N. Y.—1DD3.
Revolvator Company, 2096—86th St., North Bergen, N. J.—1DD2.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—1DD5.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.—1DD3, 1DD4.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.—1DD5.
○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif.—1DD1, 1DD2, 1DD5.
Thompson Cabinet Co., Lake St., Ludington, Mich.—1DD3, 1DD4, 1DD5.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—1DD4.
Webb Machine Works, 1252 Dalzell St., Shreveport, La.—1DD4.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—1DD5.
Yale & Towne Mfg. Co., 11000 Roosevelt Blvd., Philadelphia 15, Pa.—1DD2.

TWEEZERS 1NN
Hackensack Specialty Mfg. Co., The, 200 Atlantic St., Hackensack, N. J.

TYPE 1EE
1EE1 Aluminum.
1EE2 Borders.
1EE3 Brass.
1EE4 Casting Machine Matrix.
1EE5 Foundry.
1EE6 Steel.
1EE8 Thin Spaces.
1EE7 Wood.
○Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—1EE2, 1EE3, 1EE5.
American Wood Type & Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.—1EE2, 1EE7.
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—1EE5.
Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md.—1EE2, 1EE5.
Barco Type Founders, 64 Wagner, Northlake, Ill.—1EE2, 1EE5.
Bauer Alphabets, Inc., 235 E. 45th St., New York 17, N. Y.—1EE5.
Central Trade Plant of Grand Rapids, 15 Lyon St., Grand Rapids 2, Mich.—1EE5.
Empire Type Foundry, 55 N. Main St., Delevan, N. Y.—1EE2, 1EE5.
Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.—1EE5.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—1EE3.
Grauert, Ralph W., 100 Gold St., New York 38, N. Y.—1EE3.
Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville Sta. G, Fla.—1EE3.
Hamilton Manufacturing Co., 1316 18th St., Two Rivers, Wis.—1EE7.
Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa.—1EE8.
Johnson, Joseph E., Co., 610 Atlantic Ave., Brooklyn 17, N. Y.—1EE3, 1EE6.
Judson Type, Inc., 151 W. 23rd St., New York 11, N. Y.—1EE5.
Kelsey, W. A., Co., 45 Crown St., Meriden, Conn.—1EE5.
○Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif.—1EE2, 1EE5, 1EE8.
M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.—1EE2, 1EE5.
Mendez Company, 30 Beekman St., New York 38, N. Y.—1EE2, 1EE8.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—1EE2, 1EE5.
OlsenMark Corporation, 124 White St., New York 13, N. Y.—1EE3, 1EE6.
Perfection Type, Inc., 35 E. Kellog Cedar, St. Paul, Minn.—1EE1, 1EE2, 1EE5, 1EE7.
Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.—1EE3.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.—1EE2.
Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y.—1EE6.
Sterling Type Foundry, Charlotte, Mich.—1EE2, 1EE5.
Stripfounders, Incorporated, 4550 S. Federal St., Chicago 9, Ill.—1EE2, 1EE5.
Taylor Made Rule Co., 65 Flatbush Ave., Brooklyn 17, N. Y.—1EE2.
Typefounders, Inc., 617 E. Washington St., Phoenix, Ariz.—1EE5.
Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.—1EE5.

TYPE CALIPERS
See under Gauges, 1N.

TYPE CASES, CABINETS, STANDS, etc.
See Cabinets, Stands, Type Cases etc., 1E.

TYPE CASTERS
See Composing Machines and Supplies 1G.

TYPE-HIGH GAUGES
See under Gauges 1N.

TYPESETTING EQUIPMENT AND SUPPLIES
See under Composing Machines and Supplies 1G.

TYPESETTING AND TYPE-CASTING MACHINES
See Composing Machines and Supplies 1G.

TYPE TIEUP 1UU
H & M Taping Div., 645 N. Sumner Ave., Scranton, Pa.
Riehl Galley Lock Co., The, 748 E. 82nd St., Cleveland 3, O.

TYPE WASH CANS
See Safety Cans 1Y.

TYPE WASHES 1FF
○American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Chalmers Chemical Co., 123 Chestnut St., Newark 5, N. J.
Diversey Corp., The, 1820 Roscoe, Chicago 13, Ill.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
Inco Company, Inc., 2372 W. Seventh St., Cleveland 13, O.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

TYPEWRITERS, JUSTIFYING
See under Typewriters 2D49.

W

WASHES FOR TYPE
See Type Washes 1FF.

WASTE CANS
See Safety Cans 1Y.

WIPER CANS
See Safety Cans 1Y.

WIPING CLOTHS
See Pressroom, Wiping Cloths 5VV.

WOOD FURNITURE
See under Furniture 1L.

WOOD TYPE
See under Type 1EE.

***Printing Production* Filing System**

2A — Electrotyping Index

HOW TO USE THIS INDEX—This Electrotyping Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference in the Key. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

○Indicates advertiser, See Advertisers' Index, Pages B-C-D.

KEY FOR ELECTROTYPING INDEX

2A13 Centrifugal Casting Process

2A20 Curved and Flat Finishing Tools

2A1 Direct Pressure Presses

2A10 Electro Plating Equipment

2A2 Equipment and Supplies

2A3 Gauges and Testing Instruments

2A9 Metal, Backing

2A4 Molding Medium

2A5 Motors and Controls

2A16 Plate Bending

2A17 Plate Casters

2A21 Plate Laminating Machine

2A6 Plate Mounting and Materials

2A18 Plate Shavers

2A19 Pre-makeready Process

2A7 Precision Proof Presses

2A8 Register Systems

2A15 Routers
- 2A15.1 Flat
- 2A15.2 Curved

2A14 Routing Bits

2A11 Saws and Trimmers

2A12 Timers, Automatic

Alico, Incorporated, Montague, Mass.—2A3.

American Brass Co., The, 414 Meadow St., Waterbury 20, Conn.—2A2.

American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.—2A11.

Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2A11, 2A15.

Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.—2A16, 2A17, 2A19.

Brett Guard Co., Flatbush Ind. Term. Bldg., 3611-14th Ave., Brooklyn 18, N. Y.

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2A3, 2A12.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2A2.

○Challenge Machinery Co., The, First St., Grand Haven, Mich.—2A2, 2A6.

Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.—2A5.

Coes Knife Co., 72 Coes St., Worcester 3, Mass.—2A2.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—2A2, 2A6.

Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2A3, 2A7, 2A8, 2A16, 2A20.

Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn.—2A12.

Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.—2A5.

Dixon, Joseph, Crucible Co., 167 Wayne St., Jersey City 3, N. J.—2A2.

DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.—2A11.

Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.—2A2.

Doven Division, Appleton Machine Co., 618 S. Oneida St., Box 468, Appleton, Wis.—2A6.

Empire Type Foundry, 55 N. Main St., Delevan, N. Y.—2A2.

Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.—2A9. Electrotype metal, electrotype foils, copper anodes.

○Gay-Lee Co., 71 W. Fourteen Mile Rd., Clawson, Mich.—2A11, 2A14.

○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.—2A5.

○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2A15.1.

Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—2A2.

○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2A11.

Hanson, Van Winkle, Munning Co., 100 Church St., Matawan, N. J.—2A10.

Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2A2.

Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.—2A9.

○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2A1, 2A2, 2A3, 2A8, 2A11, 2A16.

Huck Company, 72 W. 45th St., New York 36, N. Y.—2A18.

Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.—2A3.

○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.—2A9.

Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—2A6.

○Korn, Henry P., 5 Beekman St., New York 38, N. Y.—2A15.

○Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.—2A1.

Lake Shore Electrotype Div., Electrographic Corp., 1224 W. Van Buren St., Chicago 7, Ill.—2A17.

○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2A6.

M & L Typesetting & Electrotyping Co., Inc., 4001 Ravenswood Ave., Chicago 13, Ill.—2A6.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—2A19. Adhesive two side, mounting film.

○Monomelt Co., Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.—2A1, 2A6, 2A11, 2A17, 2A18.

○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2A14.

Munning & Munning, Inc., 202 Emmet St., Newark 5, N. J.—2A2, 2A10.

National Lead Co., 111 Broadway, New York 6, N. Y.—2A6, 2A9.

○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2A2, 2A11.

North American Products Corp., P.O. Box 210, Center Grove Rd., Edwardsville, Ill.—2A11. Saw blades.

Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.—2A5.

Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.—2A1, 2A2, 2A10, 2A11, 2A15.2, 2A16.

Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.—2A6.

○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2A2, 2A3.

Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.—2A9.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2A3, 2A9, 2A11, 2A14.

Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.—2A6.

Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2A2, 2A4, 2A6, 2A7, 2A8, 2A13, 2A15, 2A17, 2A18, 2A20, 2A21.

Process Engineering Co., 6435 N. Central Ave., Chicago 46, Ill.—2A10.

Quality Engraving & Electrotype Co., The, 436 Commercial Sq., Cincinnati 2, O. Flat and curved duplicate letterpress plates.

Raiya Saw Corp., 109 W. Second St., Cincinnati 2, O.—2A11.

Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.—2A19.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.—2A5.

Revere Copper and Brass, Inc., 230 Park Ave., New York 17, N. Y.—2A2. Copper anodes.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2A11, 2A15.2.

○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—2A6, 2A11.

Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2A11, 2A15.1.

S. & W. Machine Co., 26 Vine St., Cincinnati 2, O.—2A16.

Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—2A11.

Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—2A11.

○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif.—2A2, 2A18.

Tarpley, Geo., Co., P.O. Box 245, Chesterland, O.—2A14.

Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.—2A3.

Taylor Machine Co., 210 Guilford Ave., Baltimore 2, Md.—2A8.

Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.—2A4, 2A6.

Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—2A11.

Thompson Cabinet Co., Lake St., Ludington, Mich.—2A2.

Tolerton Company, 265 N. Freedom Ave., Alliance, O.—2A6.

Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—2A11.

Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y.—2A6.

United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.—2A2, 2A9.

U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.—2A5.

○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2A3, 2A6, 2A7, 2A19.

Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.—2A6.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2A6, 2A11, 2A15.1.

Westcott & Thomson, Inc., 1027 Arch St., Philadelphia 5, Pa.—2A2.

Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2A3.

Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.—2A[illegible] 2A4.

***Printing Production* Filing System**

2B—Gravure Index

HOW TO USE THIS INDEX—This Gravure Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR GRAVURE INDEX

2B24 Air Brushes

2B23 Blankets

2B1 Cabinets, Racks, Stands

2B2 Cameras and Accessories
- 2B2.1 Bellows
- 2B2.2 Cameras
- 2B2.3 Color Filters
- 2B2.4 Diaphragms
- 2B2.5 Lenses
- 2B2.6 Photocopying
- 2B2.8 Reproportioning
- 2B2.7 Screens
- 2B2.9 Shutters, Automatic

2B3 Chemicals

2B36 Color Proofing Method

2B48 Color Separation Machine

2B25 Color Separation Process

2B52 Conversion Method

2B39 Cylinder Coating Machine

2B40 Cylinder Development Machine

2B47 Cylinder Hoists

2B46 Cylinder Laydown Machine

2B31 Cylinder Marking Machine

2B28 Cylinder Plating and Polishing for the Trade

2B41 Cylinder Preparation and Clean-Up Tank

2B4 Cylinder, Sleeve and Platemaking for the Trade

2B5 Cylinders, Sleeves and Plates

2B42 Cylinder Transfer (Photo-printing) Machine

2B29 Direct Exposure on Cylinder Machine

2B6 Doctor Blades
- 2B6.1 Grinder

2B22 Etching Machine, Cylinder

2B33 Exposure Controls

2B17 Gauges and Testing Instruments
- 2B17.7 Color Printing Control
- 2B17.2 Colorvalhuemeter
- 2B17.4 Contrastometer
- 2B17.1 Densitometer
- 2B17.3 Dotvalhuescope
- 2B17.8 Halftone Screen Counter
- 2B17.5 Microscope
- 2B17.9 Optical Depth Gauge
- 2B17.6 Screen Adjusting Wedges

2B7 Grinding and Polishing Equipment

2B8 Inks

2B9 Lamps
- 2B9.2 Camera
- 2B9.1 Color Matching

2B10 Layout and Register Tables

2B11 Motors and Controls
- 2B11.1 Standard
- 2B11.2 Explosion Proof

2B30 Paper Cleaners (Sheet and Roll)

2B51 Photo Finisher

2B12 Photocomposing Machines

2B13 Presses. Also see Pressroom 5LL
- 2B13.1 Newsprint and Rotogravure
- 2B13.2 Rotogravure
- 2B13.3 Sheet-Fed
- 2B13.4 Web Offset and Rotogravure

2B20 Printing Frames

2B44 Proof Presses

2B34 Register Control, Web
- 2B34.1 Press Register Controls
- 2B34.2 Feeding, Folding and Delivery

2B37 Reproduction Letters

2B27 Reproduction Proofing Systems

2B14 Retouching Tables

2B21 Rollers

2B15 Screens
- 2B15.1 Lenticular
- 2B15.2 Standard

2B45 Sinks
- 2B45.1 Temperature Controlled

2B50 Spot Plater

2B43 Squaring Up Table

2B32 Squeegee Machine for Cylinders

2B38 Static Eliminators

2B16 Supplies
- 2B16.1 Carbon Tissue
- 2B16.2 Film, Sensitized
- 2B16.3 Paper
- 2B16.4 Plates
- 2B16.5 Sensitized Tracing Cloth

2B26 Tanks, Copper Plating, for Ballard Process

2B18 Transfer Machines

2B35 Transparency Viewer

2B19 Trucks and Tables
- 2B19.1 Cylinder Table
- 2B19.2 Cylinder Truck

2B49 Viscometer

GRAVURE EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

O Indicates advertiser. See Advertisers' Index Pages B-C-D

A

AIR BRUSHES 2B24

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

O**General Plate Makers Supply Co.**, 5441 N. Kedzie Ave., Chicago 25, Ill.

Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

AIR CONDITIONING

See Miscellaneous 8A.

B

BLADES, DOCTOR

See Doctor Blades 2B6.

BLANKETS, 2B23

O Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

BRUSHES, AIR

See Air Brushes 2B24.

C

CABINETS, RACKS, STANDS 2B1

O**Challenge Machinery Co., The**, First St., Grand Haven, Mich.

O**Chemco Photoproducts Co., Inc.**, Charles St., Glen Cove, N. Y.

Equipto, 401 S. Highland, Aurora, Ill.

Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.

Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

Penco Division, Alan Wood Steel Co., Oaks, Pa.

O Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

Thompson Cabinet Co., Lake St., Ludington, Mich.

CAMERAS AND ACCESSORIES 2B2

- **2B2.1 Bellows.**
- **2B2.2 Cameras.**
- **2B2.3 Color Filters.**
- **2B2.4 Diaphragms.**
- **2B2.5 Lenses.**
- **2B2.6 Photocopying.**
- **2B2.8 Reproportioning.**
- **2B2.7 Screens.**
- 2B2.9 **Shutters, Automatic.**

O**American Type Founders, Inc.**, 200 Elmora Ave., Elizabeth, N. J.—2B2.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2B2.1, 2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7, 2B2.8.

O**Chemco Photoproducts Co., Inc.**, Charles St., Glen Cove, N. Y.—2B2.1, 2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7.

O Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2B2.2, 2B2.5, 2B2.7.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2B2.2, 2B2.4, 2B2.5, 2B2.7.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2B2.3, 2B2.7.

Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.—2B2.9.

General Scientific Corp., 5151 W. 65th St., Chicago, Ill.—2B2.5.

Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.—2B2.5.

Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2B2.8.

Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2B2.6.

O Kenro Graphics, Inc., 25 Commerce St., Chatham, N. J.—2B2.2.

O Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2B2.2.

Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2B2.7.

Modi-Graphic, Inc., 215 E. Ninth St., Cincinnati 2, O.—2B2.8.

Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.—2B2.7.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.7.

O Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2B2.2, 2B2.4, 2B2.5, 2B2.7.

O Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.—2B2.2, 2B2.5, 2B2.7.

United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill.—2B2.1.

O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2B2.2, 2B2.3, 2B2.4, 2B2.5, 2B2.6, 2B2.7.

Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif.—2B2.1.

Zarkin Machine Co., 180 Varick St., New York, N. Y.

Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.—2B2.5.

CARBON TISSUE
See under Supplies 2B16.

CHEMICALS 2B3
○Ansco Division, General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.

Hunt, Philip A., Co., Palisades Park, N. J.

Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo.

Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Rogers, Harry H., Co., Inc., 5831 S. Cicero Ave., Chicago 32, Ill.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.

CLOTH, SENSITIZED TRACING
See under Supplies 2B16.

COLOR PROOFING METHOD 2B36
○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.

Macbeth Corporation, P.O. Box 950 Newburgh, N. Y.

Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

COLOR SEPARATION MACHINE 2B48
○Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L.I., N. Y.

Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.

Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

COLOR SEPARATION PROCESS 2B25
Bourges, Incorporated, 80 Fifth Ave., New York 11, N. Y.

COLORVALHUEMETER
See under Gauges and Testing Instruments 2B17.

COMPOSING MACHINE, PHOTO
See Photocomposing Machines 2B12.

CONTRASTOMETER
See under Gauges and Testing Instruments 2B17.

CONTROLLERS FOR MOTORS
See Motors and Controls 2B11.

CONVERSION METHOD 2B52.
○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

COPPER PLATING TANKS FOR BALLARD PROCESS
See under Tanks, Copper Plating 2B26.

CYLINDER COATING MACHINE 2B39
○**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.

CYLINDER DEVELOPMENT MACHINE 2B40
○**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.

CYLINDER ETCHING MACHINE
See under Etching Machine, Cylinder 2B22.

CYLINDER GRINDING AND POLISHING EQUIPMENT
See Grinding and Polishing Equipment 2B7.

CYLINDER HOISTS 2B47

CYLINDER LAYDOWN MACHINE 2B46
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

CYLINDER MARKING MACHINE 2B31
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

CYLINDER PLATING AND POLISHING FOR THE TRADE 2B28
Electro-Coatings, Inc., 9530 Ainslie, Schiller Park, Ill.

General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J.

Gravure Engraving Corp., 709 Main St., Holyoke, Mass.

Gravure Process Co., 4179 W. Belmont Ave., Chicago 41, Ill.

Inta-Roto Machine Co., Inc., P.O. Box 454, Richmond 3, Va.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

CYLINDER PREPARATION AND CLEANUP TANK 2B41
○**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.

CYLINDER SLEEVE AND PLATEMAKING FOR THE TRADE 2B4
Acme Gravure Services, Inc., 1501 W. Congress St., Chicago 7, Ill.

Beck Engraving Co., Inc., Seventh & Sansom Sts., Philadelphia 6, Pa.

Color Engravers Div., Publication Corp., 1224 W. Van Buren St., Chicago 7, Ill.

General Gravure Service Co., 1413 Chetnut Ave., Hillside, N. J.

Graphic Arts Corp. of Ohio, 110 Ottawa St., Toledo 10, O.

Gravure Engraving Corp., 709 Main St., Holyoke, Mass.

Gravure Process Co., 4179 W. Belmont Ave., Chicago 41, Ill.

Inta-Roto Machine Co., Inc., P.O. Box 454, Richmond 3, Va.

Viking Engraving Corp., The, 1432 N. Grant Ave., Columbus 1, O.

Western Roto Engravers, 1225 6th St., Berkeley 10, Calif.

CYLINDERS, SLEEVES AND PLATES 2B5
○**Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N.J.**

Edes Manufacturing Co., Water St., Plymouth, Mass.

Electro-Coatings, Inc., 9530 Ainslie, Schiller Park, Ill.

Florence Pipe Foundry and Machine Co., Front St., Florence, N. J.

General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J.

Inta-Roto Machine Co., Inc., P.O. Box 454, Richmond 3, Va.

Magnat Machinery & Pattern Corp., Leeds, Mass.

Parazin Corporation, 208 Mill St., Rochester 4, N. Y.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

CYLINDER TRANSFER (PHOTO-PRINTING MACHINE) 2B42
○**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.

Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.

CYLINDER TRUCKS AND TABLES
See under Trucks and Tables 2B19.

D

DENSITOMETER
See under Testing Instruments 2B17.

DIRECT EXPOSURE ON CYLINDER MACHINE 2B29

DOCTOR BLADES 2B6
2B6.1 Grinder.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—2B6.1.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

DOTVALHUESCOPE
See under Testing Instruments 2B17.

E

ETCHING MACHINE, CYLINDER 2B22
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.

Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.

U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

EXPLOSION PROOF MOTORS AND CONTROLS
See Motors and Controls 2B11.

EXPOSURE CONTROLS 2B33
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

F

FILM
See under Supplies 2B16.

FRAMES, VACUUM PRINTING
See under Printing Frames 2D23.

G

GAUGES AND TESTING INSTRUMENTS 2B17
2B17.7 Color Printing Control.
2B17.2 Colorvalhuemeter.
2B17.4 Contrastometer.
2B17.1 Densitometer.
2B17.3 Dotvalhuescope.
2B17.8 Halftone Screen Counter.
2B17.5 Microscope.
2B17.9 Optical Depth Gauge.
2B17.6 Screen Adjusting Wedges.

○Ansco Division, General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2B17.1.

Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.—2B17.5.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2B17.1, 2B17.5, 2B17.8, 2B17.9.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2B17.1.

Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—2B17.9.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—2B17.2.

Macbeth Arc Lamp Co., 141 **Berkley St., Philadelphia 44, Pa. —Color fastness to light testing machine.**

Macbeth Corporation, P. O. Box 950, Newburgh, N. Y.—2B17.1.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2B17.1, 2B17.6.

Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.—2B17.5, 2B17.9.

Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.—2B17.1.

Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2B17.1. Photographic analyzer.

GLASSES, MAGNIFYING AND REDUCING
See Pressroom 5BB.

GRAVURE PRESSES
See under Presses 2B13.

GRINDING AND POLISHING EQUIPMENT 2B7
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

H

HUMIDITY CONTROLLING DEVICES
See Miscellaneous 8A.

I

INKS 2B8
Also see Pressroom 5W.
Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa.

Bensing Bros. and Deeney, Sub. of Sun Chemical Corp., 3301 **Hunting Park Ave., Philadelphia 29, Pa.**

Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa.

Driscoll, Martin. & Co., 610 S. Federal St., Chicago 5, Ill.

○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Gotham Ink & Color Co., 5-19—47th Ave., Long Island City 1, N. Y.

Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J.

Hill-Hentschel Co., 3928 Clayton Ave., St. Louis 10, Mo.

Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J.

○**Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.**

Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.

Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Roosen, H. D., Co., Div. of Columbian Carbon Co., 380 Madison Ave., New York, N. Y.

Sinclair & Valentine Co., 611 W. **129th St., New York 27, N. Y.**

Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.

Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.

INSTRUMENTS, TESTING
See under Gauges and Testing Instruments 2B17.

INTAGLIO PRESSES
See under Presses 2B13.

L

LAMPS 2B9
2B9.2 Camera
2B9.1 Color Matching.
American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L.I., N. Y.—2B9.2.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.

Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.

○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.

Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—2B9.1.

Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.—2B9.1.

nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.

Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.

Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

LAYDOWN MACHINE
See Cylinder Laydown Machine 2B46.

LAYOUT AND REGISTER TABLES 2B10

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.

Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.

Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.

Hamilton Manufacturing Co., 1316 18th St., Two Rivers, Wis.

○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

○Rouse, H. B., & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.

LENTICULAR SCREENS
See under Screens 2B15.

FLUORESCENT LAMPS
See Composing 1GG.

M

MAGNIFYING AND REDUCING GLASSES
See Pressroom 5BB.

MOTORS AND CONTROLS 2B11
2B11.1 Standard.
2B11.2 Explosion-proof.

Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.—2B11.2.

Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.

○General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.—2B11.2.

Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.

Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.

Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.

U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.—2B11.2.

N

NEWSPRINT AND ROTOGRAVURE PRESSES
See under Presses 2B13.

P

PAPER CONDITIONING
See Paper Cutting and Processing 4C and Air Conditioning 8A.

PAPER, SENSITIZED
See under Supplies 2B16.

PAPER CLEANERS (SHEET AND ROLL) 2B30

○Doyle, J. E., Co., 1220 W. 6th St., Cleveland 13, O.

Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

PAPER TRUCKS
See under Paper Handling Trucks 4D.

PHOTO FINISHER 2B51

LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

PHOTOCOMPOSING MACHINES 2B12

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

○Lanston Monotype Co., Div Lanston Industries Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

PHOTOTYPESETTING MACHINES
See Offset 2D46.

PLATEMAKING FOR THE TRADE
See Cylinder, Sleeve and Plate Making 2B4.

PLATES, SENSITIZED
See under Supplies 2B16.

POLISHING AND PLATING, CYLINDER, FOR THE TRADE
See Cylinder Plating and Polishing for the Trade 2B28.

POLISHING EQUIPMENT
See Grinding and Polishing Equipment 2B7.

PRESSES, 2B13; ALSO SEE 5LL PRESSROOM
2B13.1 Newsprint and Rotogravure.
2B13.2 Rotogravure.
2B13.3 Sheet-Feed.
2B13.4 Web Offset and Rotogravure.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2B13.1, 2B13.2, 2B13.4.

Babcock Printing Press Co., 3215 W. Tusc., Canton 8, O.—2B13.2.

○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.—2B13.2, 2B13.3.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2B13.2, 2B13.4.

Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can.—2B13.2.

○Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—2B13.2.

Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2B13.1, 2B13.2.

Heinrich, H. H., Co., 111 Eighth Ave., New York 11, N. Y.—2B13.2, 2B13.3.

Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.

Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2B13.2.

○Hoe, R., & Co., 910 E. 138th St., New York 54, N. Y.—2B13.1, 2B13.2, 2B13.3.

Hudson Sharp Machine Co., 1207 Main St., Green Bay, Wis.—2B13.2.

Inta-Roto Machine Co. Inc., P.O. Box 454, Richmond 3, Va.—2B13.2.

Kidder Press Co. Inc., 121 Broadway, Dover, N. H.—2B13.2.

Magnat Machinery & Pattern Corp., Leeds, Mass.—2B13.4.

Manhasset Machine Co., 409 Bayview Ave., Amityville, N. Y.—2B13.2, 2B13.4.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—2B13.2.

○Miehle Co., The, Div. Miehle-Goss-Dexter, 2011 W. Hastings St., Chicago 8, Ill.

Model Printing Equipment Corp., 1422 Grand St., Hoboken, N. J.—2B13.2, 2B13.3.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—2B13.2.

Potdevin Machine Co., 297 North St., Teterboro, N. J.—2B13.2.

Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill.—2B13.2.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—2B13.1, 2B13.2, 2B13.4.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.—2B13.2.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—2B13.2.

Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.—2B13.2, 2B13.3.

Waldron, John, Corp., River Rd., New Brunswick, N. J.—2B13.2.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.—2B13.2.

PRESSES, REPRODUCTION
See Composing Room 1LL and Offset 2D42.

PRINTING FRAMES 2B20

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.

○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

Unitronics Incorporated, 472 Paul Ave., St. Louis 21, Mo.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

Zarkin Machine Co., 180 Varick St., New York, N. Y.

PRINTING LAMPS
See Lamps 2B9.

PRINTING PRESS MOTORS AND CONTROLS
See Motors and Controls 2B11.

PRINTING PRESSES
See Presses 2B13.

PROOF PRESSES 2B44

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.

Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.

○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

PROOFING SYSTEMS FOR REPRODUCTION
See Composing Room 1LL and Offset 2D42.

R

RACKS
See Cabinets, Racks, Stands 2B1.

REDUCING AND MAGNIFYING GLASSES
See Pressroom 5BB.

REGISTER AND LAYOUT TABLES
See Layout and Register Tables 2B10.

REGISTER CONTROLS, WEB 2B34
2B34.1 Press Register Control.
2B34.2 Feeding, Folding and Delivery.

○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.

Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.—2B34.1.

Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.—2B34.1.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.

○Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.—2B34.1.

REPRODUCTION LETTERS 2B37

Artype, Incorporated, 127 S. Northwest Hgwy., Barrington, Ill.

Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.

Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

REPRODUCTION PROOFING
See Composing Room 1LL and Offset 2D42.

RETOUCHING TABLES 2B14

○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.

Krenite, Incorporated, 1709 S. Hillside, Wichita 17, Kan.

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

ROLLERS 2B21

○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.

Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

○Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.

McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.

Ohio Roller Co., Inc., The, 4408 Detroit Ave., Cleveland 13, O.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

○Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.

ROTOGRAVURE AND NEWSPRINT PRESSES
See under Presses 2B13.

ROTOGRAVURE PRESSES
See under Presses 2B13.

S

SAFETY CANS
See Composing Room 1Y.

SCREENS 2B15
2B15.1 Lenticular.
2B15.2 Standard.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2B15.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2B15.2.
Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2B15.2.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich. 2B15.2.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2B15.1, 2B15.2.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2B15.2.
○Standard Process Corp., 2704 W Roscoe St., Chicago 34, Ill.—2B15.2.

SENSITIZED PAPER
See under Supplies 2B16.

SENSITIZED PLATES
See under Supplies 2B16.

SENSITIZED TRACING CLOTH
See under Supplies 2B16.

SHEET CLEANERS
See under Paper Cleaners 2D43.

SHEET-FEED PRESSES
See under Presses 2B13.

SINKS 2B45
2B45.1 Temperature Controlled.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2B45.1.
Kreonite, Incorporated, 1709 S. Hillside, Wichita 17, Kan.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.—2B45.1.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

SLEEVES, CYLINDER
See under Cylinders, Sleeves and Plates 2B5.

SPOT PLATER 2B50
○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

SQUARING UP TABLE 2B43
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

SQUEEGEE MACHINE FOR CYLINDERS 2B32
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.

STANDS
See Cabinets, Racks, Stands 2B1.

STATIC ELIMINATORS 2B38
Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill.
○Corkpak Company, Inc., 70 Argyle Ave., New Rochelle, N. Y.
Herbert Products, Inc., 74-32 Jamaica Ave., Woodhaven 21, N. Y.
Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J.
Portland Company, The, 60 Fore St., Portland 6, Me.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.
Takk Corporation, P. O. Box 346, Newark, O.
United States Radium Corp., Morristown, N. J.

SUPPLIES 2B16
2B16.1 Carbon Tissue.
2B16.2 Film, Sensitized.
2B16.3 Paper.
2B16.4 Plates.
2B16.5 Sensitized Tracing Cloth.
○Ansco Division, General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2B16.2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2B16.1, 2B16.2, 2B16.3, 2B16.4.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2B16.1, 2B16.2.
Cramer, G., Dry Plate & Film Co., 1835 Shenandoah Ave., St. Louis 4, Mo.—2B16.2, 2B16.4.
Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2B16.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Durol Ink Co., P.O. Box 335, New Paltz, N. Y. Staging ink.
Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2B16.2, 2B16.3, 2B16.4.
McGraw Colorgraph Co., 175 W. Verdugo Ave., Burbank, Calif.—2B16.1.
Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2B16.2.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2B16.2, 2B16.4.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2B16.3.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.—2B16.1.
Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.—2B16.3.

T

TABLES, LAYOUT AND REGISTER
See Layout and Register Tables 2B10.

TABLES, RETOUCHING
See Retouching Tables 2B14.

TANKS, COPPER PLATING FOR BALLARD PROCESS 2B26
○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

TISSUE, CARBON
See under Supplies 2B16.

TRACING CLOTH, SENSITIZED
See under Supplies 2B16.

TRADE CYLINDERS, SLEEVES AND PLATES
See Cylinder, Sleeve and Plate Making 2B4.

TRANSFER MACHINE 2B18
○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.

TRANSPARENCY VIEWER 2B35
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

TRUCKS, PAPER HANDLING
See under Paper Handling Trucks 4D.

TRUCKS AND TABLES 2B19
2B19.1 Cylinder Table.
2B19.2 Cylinder Truck.
Paper Trucks, See Paper Handling Trucks 4D.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.—2B19.1.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—2B19.1, 2B19.2.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

TURNING AND POLISHING EQUIPMENT
See Grinding and Polishing Equipment 2B7.

V

VISCOMETER 2B49
Bendix Aviation Corp., Cincinnati Div., 3130 Wasson Rd., Cincinnati 8, O.
Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill.

W

WEB OFFSET AND ROTO-GRAVURE PRESSES
See under Presses 2B13.

WIPING CLOTHS
See Pressroom 5VV Wiping Cloths.

Printing Production Filing System

2C — Miscellaneous Platemaking Index

HOW TO USE THIS INDEX—This Miscellaneous Platemaking Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference in the Key. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

○ Indicates advertiser. See Advertisers' Index Pages B-C-D.

KEY FOR MISCELLANEOUS PLATEMAKING INDEX

2C1 Bank Note Engraving Machinery
2C1.1 Steel Plates
2C5 Chalk Platemaking Materials
2C2 Engravers' Wood
2C3 Linoleum Block
2C3.1 Linoleum
2C3.2 Tools
2C4 Photo Film
2C6 Plastic
2C8 Plastic Platemaking Supplies
2C9 Steel Die Equipment and Supplies
2C9.1 Die Plating Equipment
2C7 Wire-Mesh Dies

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.—2C6.
○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2C4.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2C2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2C4.
Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.—2C9.
Dawson Corporation, The, P. O. Box 52, Pelham, N. Y.—2C9.1.
Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2C4.
Du Pont, E. I., de Nemours & Co., Corner Tenth and Market Sts., Wilmington 98, Del.—2C4.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2C4.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.—2C6.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—2C2.
Heinrich, H. H., Co., 111 Eighth Ave., New York 11, N. Y.—2C6.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—2C2.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.—2C3.1, 2C3.2.
Pioneer Rubber Engraving Co., 21 E. 17th St., New York 3, N. Y.—Linoleum and plastic plates for the trade.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—2C6.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2C8.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2C8.
Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo.—2C6.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2C6.

***Printing Production* Filing System**

2D — Offset Index

HOW TO USE THIS INDEX—This Offset Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the

KEY FOR OFFSET INDEX

2D20 Air Brushes

2D40 Blanket Solutions

2D1 Blankets

2D54 Cabinets
- 2D54.1 Negative Filing
- 2D54.2 Plate Filing
- Also see Composing Room 1E

2D2 Cameras and Accessories
- 2D2.1 Bellows
- 2D2.2 Cameras
- 2D2.3 Color Filters
- 2D2.4 Diaphragms
- 2D2.5 Lenses
- 2D2.6 Photocopying
- 2D2.8 Reproportioning
- 2D2.7 Screens
- 2D2.9 Shutters, Automatic

2D3 Chemicals

2D47 Color Proofing Method

2D55 Color Separation Machine

2D39 Color Separation Process

2D60 Conversion Method

2D41 Dark Room Equipment
- 2D41.3 Light
- 2D41.2 Sinks, Plain
- 2D41.1 Sinks, Temperature Controlled

2D5 Deep Etch Method

2D35 Dropout Process

2D6 Dry Plate Negative Materials

2D57 Eliminators, Floating Powder and Ink Mist

2D7 Etching Machines

2D56 Etching Tables

2D44 Exposure Controls

2D9 Flannel

2D53 Fountains and Accessories
- 2D53.1 Ink
- 2D53.2 Water
- 2D53.3 Water Level Controls
- 2D53.4 Dividers

2D37 Gauges and Testing Instruments
- 2D37.10 Blanket Thickness Gauge
- 2D37.7 Color Printing Control
- 2D37.1 Densitometers
- 2D37.2 Film Inspection
- 2D37.9 Filter Ratio Scale
- 2D37.8 Halftone Screen Counter
- 2D37.3 Hygroscope
- 2D37.4 pH Meters
- 2D37.5 Roller Parallelism Gauge
- 2D37.6 Screen Wedges
- 2D37.11 Sheet Register Rules
- 2D37.12 Spray Scanner

2D10 Graining Machines

2D11 Graining Materials
- 2D11.1 Graining Marbles
- 2D11.2 Graining Sands

2D51 Heaters and Neutralizers
- 2D51.1 Heaters
- 2D51.2 Neutralizers
- 2D51.3 Static Tinsel
- 2D51.4 Heated Air Blower

2D12 Inks

2D13 Lamps
- 2D13.2 Camera
- 2D13.1 Color Matching

2D14 Layout, Makeup, Register and Stripping Tables
- 2D14.1 Layout
- 2D14.2 Line-up
- 2D14.3 Register
- 2D14.4 Stripping

2D15 Moleskin and Molleton

2D16 Motors and Controls

2D17 Offset Preventing Equipment

2D43 Paper Cleaners

2D18 Paper for Negatives

2D59 Photo Finisher

2D19 Photocomposing Machines

2D46 Phototypesetting Machines

2D8 Pile Inverter

2D21 Plate Coating Machines

2D22 Plates
- 2D22.1 Aluminum
- 2D22.7 Bi- and Tri-Metal
- 2D22.6 Direct Image
- 2D22.4 Magnesium
- 2D22.2 Paper Plastic
- 2D22.5 Presensitized
- 2D22.3 Zinc

2D23 Printing Frames
- 2D23.1 Plain
- 2D23.2 Vacuum

2D24 Printing Presses
- 2D24.3 Dry Offset
- 2D24.1 Sheet-Fed
- 2D24.2 Web

2D25 Proof Presses

2D45 Register Controls, Web
- 2D45.1 Press Register Controls
- 2D45.2 Feeding, Folding and Delivery

2D38 Reproduction Letters

2D42 Reproduction Proofing
- 2D42.1 Mounting Equipment
- 2D42.2 Photomechanical
- 2D42.8 Presses
- 2D42.3 Relief
- 2D42.4 Special Stock
- 2D42.5 Transparent Stock
- 2D42.6 Wax
- 2D42.7 Drier

2D27 Retouching Stands

2D48 Roller, Dampener, Cleaner

2D26 Rollers

2D58 Roller, Dampener, Covering

2D28 Screens
- 2D28.3 Contact
- 2D28.1 Lenticular
- 2D28.2 Standard

2D50 Service
- 2D50.2 Screen Color Separation Negatives
- 2D50.1 Step and Repeat Negatives and Positives

2D29 Shading Machines and Shading Mediums

2D32 Supplies
- 2D32.5 Lens and Filter Cleaner
- 2D32.4 Masking Materials
- 2D32.6 Plate Developing Inks
- 2D32.1 Sensitized Film
- 2D32.7 Sponges
- 2D32.3 Tape
- 2D32.2 Transparent Film

2D33 Transfer Paper

2D34 Transfer Presses

2D52 Transparency Viewer

2D49 Typewriters, Justifying

2D36 Washup Devices and Solvents

OFFSET EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

O Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

AIR BRUSHES 2D20

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

O General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

AIR CONDITIONING

See Miscellaneous 8A.

ALUMINUM AND ZINC PLATES

See Plates, Aluminum and Zinc 2D22.

ANTI-OFFSET EQUIPMENT

See Offset Prevention Equipment 2D17.

B

BLANKETS 2D1

Best, Edward H., & Co., P.O. Box 1752, 222 Purchase St., Boston 5, Mass.

Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

O Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

O Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.

O Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.

House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.

O Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Lumirol Corporation, 41 W 25th St., New York 10, N. Y.

McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.

O Niles & Nelson, Inc., 75 West St., New York 6, N. Y.

Pitman, Harold M., Co., 51st and 33rd St., Chicago 50, Ill.

Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

O Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y.

BLANKET SOLUTIONS 2D40

○Anchor Chemical Co., Inc., 827 **Bergen St., Brooklyn 38, N. Y.**

○Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Driscoll, Martin, & Co., 610 Federal St., Chicago 5, Ill.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.

Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

BRONZING MACHINES

See Pressroom 5F.

BRUSHES, AIR

See Air Brushes 2D37.

C

CABINETS 2D54

2D54.1 Negative Filing.
2D54.2 Plate Filing.
Also see Composing Room 1E.

Atlas Stencil Files Corp., 16716 **Westfield Ave., Cleveland 10, O.** —2D54.1, 2D54.2.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D54.1.

○Challenge Machinery Co., The, First St., Grand Haven, Mich. —2D54.1, 2D54.2.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D54.1, 2D54.2.

Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.—2D54.1, 2D54.2.

Equipto, 401 S. Highland, Aurora, Ill.

Foster Manufacturing Co., 13th and Cherry Sts. Philadelphia 7, Pa.—2D54.1, 2D54.2.

Gustafson Tool Co., 239 Centre St., New York 13, N. Y.—2D54.2.

Lyon Metal Products, Inc., Aurora, Ill.

Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D54.1, 2D54.2.

nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill.—2D54.1, 2D54.2.

Penco Division, Alan Wood Steel Co., Oaks, Pa.—2D54.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill. —2D54.1, 2D54.2.

Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.—2D54.1, 2D54.2.

CAMERAS AND ACCESSORIES 2D2

2D2.1 Bellows.
2D2.2 Cameras.
2D2.3 Color Filters.
2D2.4 Diaphragms.
2D2.5 Lenses.
2D2.6 Photocopying.
2D2.8 Reproportioning.
2D2.7 Screens.
2D2.9 Shutters, Automatic.

○**American Type Founders Inc.,** 200 Elmora Ave., Elizabeth, N. J. —2D2.2.

○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2D2.2.

Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y. —2D2.5.

Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2D2.2.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2D2.1, 2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7, 2D2.8.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D2.1, 2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7.

○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D2.2, 2D2.5, 2D2.7.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D2.2, 2D2.4, 2D2.5, 2D2.7.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2D2.3, 2D2.7.

Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.—2D2.9.

○**General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.**

General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

General Scientific Corp., 5151 W. 65th St., Chicago, Ill.—2D2.5

Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.—2D2.5.

Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2D2.8.

Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2D2.7.

Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2D2.6.

○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D2.2, 2D2.5, 2D2.7.

○Kenro Graphics, Inc., 25 Commerce St., Chatham, N. J.—2D2.2.

Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2D2.2, 2D2.6.

Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 7, Ill.

○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa. —2D2.2.

Levy, Max, & Co., Wayne Ave., and Berkley St., Philadelphia 44, Pa.—2D2.7.

Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D2.2.

Modi-Graphic, Inc., 215 E. Ninth St., Cincinnati 2, O.—2D2.8.

Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.—2D2.7.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.7.

Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7, 2D2.8.

Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2D2.3.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D2.2, 2D2.4, 2D2.5, **2D2.7.**

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.—**2D2.2, 2D2.5,** 2D2.7.

Tasope Company, The, Tasope Bldg., Aurora, Mo.

United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill.—2D2.1.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, **Pa. — 2D2.2, 2D2.3, 2D2.4, 2D2.5, 2D2.6, 2D2.7.**

Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif.—2D2.1.

Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.

Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.—2D2.5.

CHEMICALS 2D3

○**Ansco Division, General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.**

Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Ferguson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

○**General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.**

General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.

Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 7, Ill.

Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.

Hunt, Philip A., Co., Palisades Park, N. J.

○**Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.**

Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M.

○Korn, Henry P., 5 Beekman St., New York 38, N. Y.

Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Lithoplate Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte (Los Angeles), Calif.

Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.

Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.

Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

Siebold, J. H. and G. B., Inc., 150 Varick St., New York 13, N. Y.

Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.

COATING MACHINE FOR PLATES

See **Plate Coating and Whirling Machines 2D21.**

COLOR PROOFING METHOD 2D47

○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.

Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.

Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

COLOR SEPARATION MACHINE 2D55

Anderson, Paul, Mfg. Co., 8306 Broadway, P. O. Box 6705, San Antonio 9, Tex.

Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.

○Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.

Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.

Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

COLOR SEPARATION PROCESS 2D39

Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

CONTROLS AND MOTORS

See Motors and Controls 2D16.

CONVERSION METHOD 2D60

○Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

COVERING FOR DAMPENING ROLLERS

See Flannels 2D9.

D

DARK ROOM EQUIPMENT 2D41

2D41.3 Light.
2D41.2 Sinks, Plain.
2D41.1 Sinks, Temperature Controlled.

Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O. —2D41.4.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D41.1, 2D41.2.

○**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.—2D41.1, 2D41.2.

○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D41.1, 2D41.2.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D41.1, 2D41.2.

○**General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill. 2D41.1, 2D41.2.**

○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D41.1, 2D41.2.

Kreonite, Incorporated, 1709 S. Hillside, Wichita 17, Kan.—2D41.1, 2D41.2.

○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Leedal, Inc., 2929 S. Halsted St., Chicago 8, Ill.—2D41.1, 2D41.2.

Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D41.1, 2D41.2, 2D41.3.

nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill.—2D41.3.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2D41.1.

Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D41.1, 2D41.2.

Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.—2D41.3.

Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.—2D41.1.

DEEP ETCH METHOD 2D5

Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.

Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.

DEVICES FOR PRESS WASHUP

See Washup Devices 2D36.

DRIVES FOR PRINTING PRESSES

See Motors and Controls 2D16.

DROPOUT PROCESS 2D35

DRY PLATE NEGATIVE MATERIALS 2D6

○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.

Cramer, G., Dry Plate & Film Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

E

ELIMINATORS, FLOATING POWDER AND INK MIST 2D57
Trion, Inc., 1000 Island Ave., McKees Rocks, Pa.

EQUIPMENT FOR PREVENTING OFFSET
See Offset Preventing Equipment 2D17.

ETCHING MACHINES 2D7
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.
U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

ETCHING METHODS, DEEP
See Deep Etch Method 2D5.

ETCHING TABLES 2D56
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
Mort, Ralph H. Co., 102 N. W. Ninth Ave., Portland 9, Ore.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
○Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.

EXPOSURE CONTROLS 2D44
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

F

FILM
See Supplies 2D32.

FLANNELS 2D9
Best, Edward, & Co., P. O. Box 1752, 222 Purchase St., Boston 5, Mass.
○Corkpak Company, Inc., 70 Argyle Ave., New Rochelle, N. Y.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

FLUORESCENT LAMPS
See Composing 1GG.

FOUNTAINS AND ACCESSORIES 2D53
2D53.1 Ink.
2D53.2 Water.
2D53.3 Water Level Controls.
2D53.4 Dividers.
Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O.
Dayton Rubber Co., The, Dayco Div., 2342 Riverview Ave., Dayton 1, O.—2D53.4.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y. —2D53.1.
○Gegenheimer, Wm., Co., Inc., 80 Roebling St., Brooklyn 11, N. Y. —2D53.1. 2D53.2. 2D53.3.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D53.1, 2D53.2.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

FRAMES, PRINTING
See Printing Frames 2D23.

G

GAUGES AND TESTING INSTRUMENTS 2D37
2D37.10 Blanket Thickness Gauge.
2D37. 7 Color Printing Control.
2D37. 1 Densitometers.
2D37. 2 Film Inspection.
2D37. 9 Filter Ration Scale.
2D37. 8 Halftone Screen Counter.
2D37. 3 Hygroscope.
2D37. 4 pH Meters.
2D37. 5 Roller Parallelism Gauge.
2D37. 6 Screen Wedges.
2D37.11 Sheet Register Rules.
○Alteneder, Theo., & Sons, 1217 Spring Garden St., Philadelphia 23, Pa.
○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2D37.1.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2B37,3, 2B37.4.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Cambridge Instrument Co., Inc., 3546 Grand Central Terminal, New York 17, N. Y.—2D37.4.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D37.1, 2D37.2, 2D37.8.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2D37.2.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—2D37.8.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.—2D37.1.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2D37.1, 2D37.5, 2D37.6, 2D37.8.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D37.1, 2D37.4, 2D37.6, 2D37.8, 2D37.10.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D37.9.
Taylor, W. A. & Co., 7300 York Rd., Baltimore 4, Md.—2D37.4.
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.—2D37.1.
Weston Electrical Instrument Corp., Sub of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2D37.1.

GLASSES, MAGNIFYING AND REDUCING
See Pressroom 5BB.

GRAINING MACHINES 2D10
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.

GRAINING MATERIALS 2D11
2D11.1 Graining Marbles.
2D11.2 Graining Sands.
Bache, Semon, & Co., 636 Greenwich St., New York 14, N. Y.—2D11.1.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 3, Minn. Mineral grits.—2D11.2.
New England Quartz Co., 450 Seventh Ave., New York 1, N. Y.—2D11.2.
SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 32, Pa.
Zarkin Machine Co., Inc., 180 Varick St., New York N. Y. —2D11.2.

GRINDERS AND STONES
See Stones and Grinders 2D31.

H

HEATERS AND NEUTRALIZERS 2D51
2D51.4 Heated Air Blower.
2D51.1 Heaters.
2D51.2 Neutralizers.
2D51.3 Static Tissel.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. —2D51.1, 2D51.2.
Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill.—2D51.3.
○Doyle, The, J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—2D51.1, 2D51.2.
Dryer Electric Corp., 111 Bedford Ave., Brooklyn 11, N. Y.—2D51.1.
Economy Printers Products Co., 609 S. LaSalle St., Chicago 5, Ill.—2D51.3.
Herbert Products, Inc., 74-32 Jamaica Ave., Woodhaven 21, N. Y.—2D51.1, 2D51.2, 2D51.4.
Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J.—2D51.2.
Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill. —2D51.2.
Selas Corp. of America, Dresher, Pa.—2D51.1.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.—2D51.2.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.—2D51.1, 2D51.2.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.—2D51.2.
Takk Corporation, P.O. Box 346, Newark, O.—2D51.2.
United States Radium Corp., Morristown, N. J.—2D51.2.
Western Brush Co., 219 S. Western Ave., Chicago 12, Ill.—2D51.2.

I

INKS 2D12
Also see Pressroom 5W.
Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa.
Bensing Bros. and Deeney, Sub. of Sun Chemical Corp., 3301 Hunting Park Ave., Philadelphia 29, Pa.
Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.
Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O.
Braznell Company, 2227 Walnut St., St. Louis 3, Mo.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Canada Printing Ink Co., Ltd., Brockhouse Rd., Box 265—Postal Station N, Toronto 14, Canada.
Capitol Printing Ink., Co., Inc., 806 Channing Pl., N.E., Washington 18, D. C.
Carlson, John P., Inc., 420 Carroll St., Brooklyn 15, N. Y.
Cleveland Printing Ink Co., Inc., 1260 W. Fourth St., Cleveland 13, O.
Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa.
○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.
○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.
Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O.
Gaetjens, Berger & Wirth, Inc., 35 York St., Brooklyn 1, N. Y.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Graphic Chemical & Ink Co., 714 N. Ardmore Ave., Villa Park, Ill.
Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 47, Ill.
○Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J.
Hill-Henschel Co., 3928 Clayton Ave., St. Louis 10, Mo.
Hoeffler, J., & Co., 100 Sixth Ave., New York 13, N. Y.
Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J.
Inco Company, Inc., 2372 W. Seventh St., Cleveland 13, O.
○Interchemical Corporation, Printing Ink Div., 67 West 44th St., New York 36, N. Y.
Kohl and Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.
Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.
McCutcheon Bros. & Quality, Inc., 2563 N. Reese St., Philadelphia 33, Pa.
Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Morrison Printing Ink Co., The, 1051 Power Ave., Cleveland 14, O.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.
Prescott, H. S., 238 Dwight St., Springfield 2, Mass.
Roberts, Lewis, Inc., 72 Union St., Newark 5, N. J.
Roosen, H. D., Co., Div. of Columbian Carbon Co., 380 Madison Ave., New York, N. Y.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.
○Sinclair & Carroll Co., Inc., 440 W. Superior, Chicago 10, Ill.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.
Sleight & Hellmuth, Inc., 900 S. Clinton St., Chicago 7, Ill.
Steel City Printing Ink Co., 281 Corliss St., Pittsburgh 20, Pa.
Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa.
○U. S. Printing Ink Corp., 66 Industrial, Little Ferry, N. J.—2D12.
Winslow Ink Corp., 104 Greene St., New York 12, N. Y.

L

LAMPS 2D13
2D13.2 Camera.
2D13.1 Color Matching.
American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L. I., N. Y.—2D13.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.—2D13.1.
Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—2D13.1.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.
Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

LAYOUT, LINE-UP, REGISTER AND STRIPPING TABLES 2D14
2D14.1 Layout.
2D14.2 Line-up.
2D14.3 Register.
2D14.4 Stripping.

○**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2D14.1, 2D14.3.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D14.1, 2D14.4.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
○**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.—2D14.1, 2D14.2, 2D14.3, 2D14.4
Colwell Litho Products, Inc., 316 Chicago Ave., Minneapolis 15, Minn.—2D14.1, 2D14.4.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D14.1.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D14.1, 2D14.4.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.—2D14.1, 2D14.2, 2D14.4.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.—2D14.2, 2D14.3.
○**General Plate Makers Supply Co. 5441 N. Kedzie Ave., Chicago 25, Ill.—2D14.1, 2D14.3.**
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—**2D14.1, 2D14.2, 2D14.3.**
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa. 2D14.3.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.—2D14.1, 2D14.4.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
nuArc Company, Inc., 824 S. **Western Ave., Chicago 12, Ill.**
Pitman, Harold M., Co., 51st Ave and 33rd St., Chicago 50, Ill.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
Pittsburgh White Metal Co., Inc., 284 Hamilton Ave., Brooklyn 31, N. Y.—2D14.2.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D14.1, 2D14.2, 2D14.3, 2D14.4.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31 **Ill.—2D14.2.**
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.—2D14.4.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D14.1, 2D14.2, 2D14.3, **2D14.4.**
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.—2D14.1, 2D14.2, 2D14.3.
○**Standard Process Corp., 2704 W** Roscoe St., Chicago 34, Ill.
Taylor Machine Co., 210 Guilford Ave., Baltimore 2, Md.—2D14.3.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.—2D14.1, 2D14.4.

LENTICULAR SCREENS
See under Screens 2D28.

LETTERS, REPRODUCTION
See Reproduction Letters 2D38.

M

MACHINE FOR ETCHING
See Etching Machines 2D7.

MAGNIFYING AND REDUCING GLASSES
See Pressroom 5BB.

MAKE-UP TABLES
See Layout, Line-up, Register and Stripping Tables 2D14.

MEDIUMS, SHADING
See Shading Machines and Shading Mediums 2D29.

MOLESKIN AND MOLLETON 2D15
Best, Edward H., & Co., P.O. Box 1752, 222 Purchase St., Boston 5, Mass.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.
○**Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.**
Jomac, Incorporated, 6128 N. **Woodstock St., Philadelphia 38, Pa.**
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Roth, David Z., & Co., 1235 Main Ave., Clifton, N. J.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.

MOLLETON AND MOLESKIN
See Moleskin and Molleton 2D15.

MOTORS AND CONTROLS 2D16
Cline Electric Mfg. Co., 3405 W. **47th St., Chicago 32, Ill.**
Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

N

NEGATIVE MATERIALS, DRY PLATE
See under Dry Plate Negative Materials 2D6.

NEGATIVE PAPER
See Paper for Negatives 2D18.

O

OFFSET PREVENTING EQUIPMENT 2D17
○**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.
Craig Corporation, 143 W. 20th St., New York 11, N. Y.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
H. & H. Products, 1930 S. State St., Chicago 16, Ill.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Herbert Products, Inc., 74-32 **Jamaica Ave., Woodhaven 21, N. Y.**
Hewson, Company, Inc., The, 443 Broad St., Newark 2, N. J.
International Dry Spray Corp., 13 East 19th St., New York 3, N. Y.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
○Offen, B., & Co., 29 E. Madison St., Chicago 2, Ill.
Ortman-McCain Co., 1330 W. Washington Blvd., Chicago 7, Ill.
Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.
Paasche Airbrush Co. Div., Cline **Electric Mfg. Co., 1909 Diversey Blvd., Chicago 14, Ill.**
Pneuma-Flo Systems, Inc., 141 W. 20th St., New York 11, N. Y.
Portland Company, The, 60 Fore St., Portland 6, Me. Static eliminator.
Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Selas Corp. of America, Dresher, Pa.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.
Sprayomatic Products Co., 750 Main St., Milford, O.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.
Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.
Winton Engineering Co., 2353 May St., Cincinnati, O.

P

PAPER CLEANERS 2D43
○**Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.**

PAPER FOR NEGATIVES 2D18
Cramer, G., Dry Plate & Film Co., 1835 Shenandoah Ave., St. Louis 4, Mo.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.

PAPER, TRANSFER
See Transfer Paper 2D33

PAPER TRUCKS
See Paper Handling Trucks 4D.

PHOTO FINISHER 2D59
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

PHOTOCOMPOSING MACHINE 2D19
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.
ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O.
○Carlson, Chesley F., Co., Ben Franklin Bldg., 419 S. Third St., Minneapolis 15, Minn.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

PHOTOTYPESETTING MACHINES 2D46
○**American Type Founders, Inc.,** 200 Elmora Ave., Elizabeth, N. J.
○Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Filmotype Corporation, 7500 McCormick Blvd., Skokie, Ill.
Foto-Riter Company, 63 S. 13th St., Minneapolis 3, Minn.
Halber Corporation, 4151 Montrose Ave., Chicago 41, Ill.
○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
○Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Photon, Incorporated, 58 Charles St., Cambridge 41, Mass.
Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J.

PILE INVERTER 2D8
○Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.

PLATE COATING MACHINES 2D21
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
○**General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.**
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
○**Standard Process Corp., 2704 W.** Roscoe St., Chicago 34, Ill.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.

PLATE GRAINING MACHINES
See Graining Machines 2D10.

PLATE GRAINING MARBLES
See Graining Materials 2D11.

PLATE GRAINING SANDS
See Graining Materials 2D11.

PLATES 2D22
2D22.1 Aluminum.
2D22.7 Bi- and Tri-Metal.
2D22.6 Direct Image.
2D22.4 Magnesium.
2D22.2 Paper-plastic.
2D22.5 Pre-sensitized.
2D22.3 Zinc.
Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.—2D22.1, 2D22.3, 2D22.5.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D22.5.
Azoplate Corporation, 558 Central Ave., Murray Hill, N. J.—**2D22.5.**
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D22.1, 2D22.2, 2D22.3, 2D22.4, 2D22.5, 2D22.6.
○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D22.1, 2D22.2, 2D22.5, 2D22.6.
Direct-Image Offset Corp., 1740 Ridge Ave., Evanston, Ill.—2D22.6.
Eastern Lithoplate, Inc., P.O. Box 1232, Joliet, Ill.—2D22.1, 2D22.3, 2D22.5.
○**General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.**—2D22.1, 2D22.2, 2D22.3.
Graphic Arts Corp. of Ohio, 110 Ottawa St., Toledo 10, O.—2D22.7.
Illinois Zinc Co., 2959 W. 47th St., Chicago 32, Ill.—2D22.3.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—2D22.7.
Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.—2D22.1, 2D22.5.
Lithoplate Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte (Los Angeles), Calif.—2D22.1, 2D22.5.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—2D22.5.

National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2D22.5.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—2D22.1, 2D22.2, 2D22.5, 2D22.6.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2D22.1, 2D22.2, 2D22.3, 2D22.5.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.—2D22.1, 2D22.2, 2D22.5.
Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.—2D22.7.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D22.2, 2D22.5.

PRESSES FOR REPRODUCTION PROOFING
See Reproduction Proofing 2D42.

PRESSES, PRINTING
See Printing Presses 2D24.

PRESSES, TRANSFER
See Transfer Presses 2D34.

PRINTING FRAMES 2D23
2D23.1 Plain.
2D23.2 Vacuum.
Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.—2D23.1, 2D23.2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D23.1, 2D23.2.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2D23.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2D23.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2D23.1, 2D23.2.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D23.1, 2D23.2.
Colwell Litho Products, Inc., 316 **Chicago Ave., Minneapolis 15,** Minn.—2D23.1, 2D23.2.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D23.2.
○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D23.2.
Douthitt Corporation, The., 680 E. Fort St., Detroit 26, Mich.—2D23.1, 2D23.2.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D23.1, 2D23.2.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—2D23.2.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D23.2.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2D32.2.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2D23.2.
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.—2D23.1.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2D23.2.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.—2D23.2.
nuArc Company, Inc., 824 S. **Western Ave., Chicago 12, Ill.—2D23.2.**
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2D23.1, 2D23.2.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D23.2.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D23.2.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2D23.2.
Tasope Company, The. Tasope Bldg., Aurora, Mo.—2D23.2.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.—2D23.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2D23.2.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.—2D23.1, 2D23.2.

PRINTING LAMPS
See Lamps 2D13.

PRINTING PRESS DRIVES
See Motors and Controls 2D16.

PRINTING PRESSES 2D24
Also see Pressroom 5LL.
2D24.3 Dry Offset.
2D24.1 Sheet-Feed.
2D24.2 Web.
Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.—2D24.1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D24.1, 2D24.2, 2D24.3.
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2D24.1.
Babcock Printing Press Co., 3215 W. Tusc., Canton 8, O.—2D24.1.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2D24.1.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2D24.2.
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can.—2D24.1.
○Davidson Corporation, Sub. of **Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D24.1.**
Hamilton Tool Co., The, Ninth **and Hanover, Hamilton, O.—2D24.2.**
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D24.1, 2D24.2.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2D24.2, 2D24.3.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2D24.1, 2D24.2.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.—2D24.1, 2D24.2.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—2D24.2.
Magnat Machinery & Pattern Corp., Leeds, Mass.—2D24.4.
Manhasset Machine Co., 409 Bayview Ave., Amityville, N. Y.—**2D24.3.**
○Miehle Company, Div. Miehle-Goss-Dexter, 2011 W. Hastings St., Chicago 8, Ill.—2D24.1.
Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.—2D24.1.
Model Printing Equipment Corp., 1422 Grand St., Hoboken, N. J.—2D24.2, 2D24.3.
○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—2D24.2.
Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.—2D24.1.
○Royal Zenith Corp., 180 Varick St., New York, N. Y.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
Schriber Press Co., 4900 Webster St., Dayton 4, O.—2D24.2.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.—2D24.1, 2D24.2.
Waldron, John, Corp., River Rd., **New Brunswick, N. J.—2D24.2.**
Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.—2D24.2.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.—2D24.3.

PROOF PRESSES 2D25
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

PROOFS, REPRODUCTION
See Reproduction Proofing 2D42.

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RECORDERS AND TIME CLOCKS
See Miscellaneous 8J.

REDUCERS, INK
See Inks 2D12.

REDUCING AND MAGNIFYING GLASSES
See Pressroom 5BB.

REGISTER CONTROLS, WEB 2D45
2D45.1 Press Register Controls.
2D45.2 Feeding, Folding and Delivery.
○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.
Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.—2D45.1.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
○Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.—2D45.1.
OlsenMark Corporation, 124 White St., New York 13, N. Y.—2D45.1.

REGISTER TABLES
See Layout, Line-up, Register and Stripping Tables 2D14.

REPRODUCTION LETTERS 2D38
Artype, Incorporated, 127 S. Northwest Hgwy., Barrington, Ill.
Foto-Graphic Products Co., 5560 W. Broadway, Minneapolis 27, Minn.—2D38.
Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.
Modi-Graphic, Inc., 215 E. Ninth St., Cincinnati 2, O.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

REPRODUCTION PROOFING 2D42
2D42.1 Mounting Equipment.
2D42.2 Photomechanical.
2D42.3 Relief.
2D42.4 Special Stock.
2D42.5 Transparent Stock.
2D42.6 Wax.
2D42.7 Drier.
2D42.8 Presses.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2D42.2, 2D42.3.
○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2D42.2.
Bruning, Charles, Co., Inc., Mt. Prospect, Ill.—2D42.2.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.—2D42.3.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—2D42.7.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2D42.2.
Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif.—2D42.7.
Glyco Products Co., Inc., 350 Fifth Ave., New York 1, N. Y.—2D42.6.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2D42.2, 2D42.5.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2D42.2.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—2D42.2.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—2D42.1, 2D42.6.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2D42.4, 2D42.5.
Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.—2D42.5.
○Vandercook & Sons Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2D42.1, 2D42.3, 2D42.8.
Warren, S. D., Co., 89 Broad St., Boston 1, Mass.—2D42.4.

RETOUCHING STANDS 2D27
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Kreonite, Incorporated, 1709 S. Hillside, Wichita 17, Kan.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.

ROLLER, DAMPENER, CLEANER 2D48
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.
Mort, Ralph H., Co., 102 N. W. Ninth Ave., Portland 9, Ore.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Polychrome Corporation, 2 Ashburton, Yonkers 2, N. Y.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

ROLLER, DAMPENER COVERING 2D58
○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
○Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.
Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.
Polychrome Corporation, 2 Ashburton, Yonkers 2, N. Y.

ROLLERS 2D26
Also see Pressroom 5NN.
○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.
Hart, William C., Co., Inc., 137 Greene St., New York 12, N. Y.
Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.
○Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.
Lumirol Corporation, 41 W. 25th St., New York 10, N. Y.
McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.
Moreland Corporation, The, York and Fitzwatertown Rds., Willow Grove, Pa.

○Niles & Nelson, Inc., 75 West St., New York 6, N. Y.
Ohio Roller Co., Inc., 4408 Detroit Ave., Cleveland 13, O.
○Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.
Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J.
○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.
Vogt Roller Co., Inc., 222 S. 12th St., Louisville 3, Ky.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.

ROLLER WASHING DEVICES
See Washup Devices 2D36.

S

SAFETY CANS
See Composing Room 1Y.

SANDS FOR GRAINING
See Graining Sands 2D11.

SCREENS 2D28
2D28.3 Contact.
2D28.1 Lenticular.
2D28.2 Standard.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Caprock Developments, 165 Broadway, New York 6, N. Y.—2D28.3.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2D28.2.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2D28.3.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2D28.2.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—2D28.1, 2D28.2.
Levy, Max. & Co., Wayne Ave., & Berkley St., Philadelphia 44, Pa.—2D28.2.
Moore Laboratories, 10326 Fenkell, Detroit 38 Mich.—2D28.2.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2D28.1, 2D28.2.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D28.2, 2D28.3.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2D28.2.

SERVICE 2D50
2D50.2. Screen Color Separation Negatives.
2D50.1. Step and Repeat Negatives and Positives.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2D50.2.

SHADING MACHINES AND SHADING MEDIUMS 2D29
Bourges, Incorporated, 80 Fifth Ave., New York 11, N. Y.
ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O.
Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.
Moore Laboartories, 10326 Fenkell, Detroit 38, Mich.
Tintograph Company, 48 New Chambers St., New York 38, N. Y.

SHEET CLEANERS
See Paper Cleaners 2D48.

SHEET-FEED PRESSES
See under Printing Presses 2D24.

SINKS
See Darkroom Equipment.

STANDARD SCREENS
See Screens 2D28.

STANDS, RETOUCHING
See Retouching Stands 2D27.

STRIPPING TABLES
See Layout, Line-up, Register and Stripping Tables 2D14.

SUPPLIES 2D32
2D32.6 Developing Inks.
2D32.5 Lens and Filter Cleaner.
2D32.4 Masking Materials.
2D32.1 Sensitized Film.
2D32.7 Sponges.
2D32.3 Tape.
2D32.2 Transparent Film.
American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich.—2D32.3.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.—2D32.5.
○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2D32.1, 2D32.2.
Atlas Sponge Co., 2520 S. Damen Ave., Chicago 8, Ill.—2D32.7.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2D32.1, 2D32.2, 2D32.3.
○Carlson, Chesley F., Co., Ben Franklin Bldg., 419 S. Third St., Minneapolis 15, Minn.—2D32.4.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2D32.1, 2D32.2.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.—2D23.4.
Cramer, G., Dry Plate & Film Co., 1835 Shenandoah Ave., St. Louis 4, Mo.—2D32.1.
○Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—2D32.3, 2D32.4, 2D32.6.
Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2D32.1, 2D32.2.
Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Du Pont, E. I. de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.—2D32.1, 2D32.2, 2D32.7.
Durol Ink Co., P.O. Box 335, New Paltz, N. Y. Staging ink.
Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2D32.1, 2D32.2, 2D32.5.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2D32.2.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.
Gevaert Co. of America, Inc., The, 321 W. 54th St., New York 19, N. Y.—2D32.1, 2D32.2.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2D32.1.
Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.—2D32.1, 2D32.2.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.
Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.—2D32.4, 2D32.6.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.—2D32.6.
Miami Valley Coated Paper Co., Oxford Rd., Franklin, O.—2D32.4.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—2D32.2.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2D32.1, 2D32.2.
Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.
Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.—2D32.6.
Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.—2D32.3.
Pitman, Harold M., Co., 51st Ave and 33rd St., Chicago 50, Ill.—2D32.1, 2D32.2, 2D32.3.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.
Recht, William, Co., Inc., 50 Church St., New York 7, N. Y.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.—2D32.1, 2D32.2, 2D32.3, 2D32.4.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—2D32.1, 2D32.2, 2D32.4.
Roth, David Z., & Co., 1235 Main St., Clifton, N. J.—2D32.1.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.
Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.
Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.
Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.
Ulano Products Co., 610 Dean St., Brooklyn 38, N. Y.—2D32.4.

T

TABLES, ETCHING
See Etching Tables 2D56.

TABLES, LAYOUT, LINE-UP, REGISTER AND STRIPPING
See Layout, Line-up, Register and Stripping Tables 2D14.

TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TRANSFER PAPER 2D33
Dennison Manufacturing Co., 300 Howard St., Framingham, Mass. Decal.
Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

TRANSFER PRESSES 2D34
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

TRANSPARENCY VIEWER 2D32
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.
Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

TRUCKS, PAPER
See Paper Handling Trucks 4D.

TYPEWRITERS, JUSTIFYING 2D49
Commercial Controls Corp., Sub. Friden Calculating Machine Co., Inc., 1 Leighton Ave., Rochester 2, N. Y.
International Business Machines Corp., 590 Madison Ave., New York 22, N. Y.
Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 2, N. J.

W

WASHUP DEVICES & SOLVENTS 2D36
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
○Gegenheimer, Wm., Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.
Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.

WEB PRESSES, OFFSET
See under Printing Presses 2D24. Also see Pressroom 5LL.

WHIRLING MACHINES
See Plate Coating Machines 2D21.

WIPING CLOTHS
See Pressroom 5VV Wiping Cloths.

Z

ZINC PLATES
See Plates, Aluminum and Zinc 2D22.

***Printing Production* Filing System**

2E — Photoengraving Index

HOW TO USE THIS INDEX—This Photoengraving Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR PHOTOENGRAVING INDEX

2E30 Air Brushes
2E2 Burning-In Stoves
2E3 Cameras and Accessories
- 2E3.7 Bellows
- 2E3.1 Cameras
- 2E3.2 Color Filters
- 2E3.3 Diaphragms
- 2E3.4 Lenses
- 2E3.5 Photocopying
- 2E3.8 Reproportioning
- 2E3.6 Screens
- 2E3.9 Shutters, Automatic

2E4 Chemicals
2E48 Cleaners
2E5 Color Process
2E27 Color Proofing Method
2E46 Color Separation Machine
2E53 Conversion Method
2E32 Cooler Press (for straightening buckled or warped zinc plates)
2E40 Cut Mounting Press
2E39 Cylinder Plate Making for the Trade
2E29 Dark Room Equipment
- 2E29.3 Light
- 2E29.2 Sinks, Plain
- 2E29.1 Sinks, Temperature controlled

2E43 Dropout Process
See Offset 2D46

2E6 Etching Machines
- 2E6.1 Conventional
- 2E6.2 Powderless

2E47 Engraving Machines
2E35 Exposure Controls
Fluorescent Lamps
See Lamps 2E8
2E42 Gauges and Testing Instruments
- 2E42.5 Densitometer
- 2E42.1 Halftone Exposure Control
- 2E42.6 Halftone Screen Counter
- 2E42.3 Optical Depth Gauge
- 2E42.2 pH Control
- 2E42.4 Screen Adjusting Wedges

2E7 Guillotine Cutters
2E8 Lamps
- 2E8.2 Camera
- 2E8.1 Color Matching

2E36 Line-up and Register Tables
2E1 Mounting Materials
2E9 Nailing Machines
2E10 Negative Cabinets
2E50 Photo Finisher
2E33 Photocomposing Machines
Phototypesetting Machines
See Offset 2D46

2E11 Planers
2E13 Plate Bevelers
2E14 Plate Coaters
2E44 Plate Cooler
2E12 Plates
- 2E12.4 Back-up Board for Thin Zinc
- 2E12.1 Brass
- 2E12.2 Copper
- 2E12.5 Magnesium
- 2E12.7 Pre-sensitized
- 2E12.3 Zinc
- 2E12.8 Zinc Alloy
- 2E12.6 Zinc coated magnesium

2E51 Plating Equipment, Chrome
2E45 Powdering Cabinet
2E16 Printing Frames
- 2E16.1 Plain
- 2E16.2 Vacuum

2E34 Proof Driers
2E15 Proof Presses
- 2E15.1 Cylinder
- 2E15.2 Hand

2E52 Pump, Acid
2E17 Register Systems
2E41 Reproduction Letters
2E18 Routing Machines and Bits
- 2E18.2 Bits
- 2E18.1 Machines

2E19 Saws and Saw Sharpeners
- 2E19.4 Band Saws
- 2E19.1 Blades
- 2E19.2 Saws
- 2E19.3 Saw Sharpeners

2E49 Screens, Contact
2E20 Shoot Boards
2E21 Stripping Tables
2E22 Supplies
- 2E22.7 Cement
- 2E22.1 Film, Sensitized
- 2E22.6 Film, Transparent
- 2E22.11 Lens and Filter Cleaner
- 2E22.10 Masking Materials
- 2E22.9 Mounting Tissue
- 2E22.2 Paper
- 2E22.4 Rubber Cement
- 2E22.5 Shading Sheets
- 2E22.8 Solder

2E23 Sweating-On Machines
2E24 Tanks
- 2E24.1 Conventional
- 2E24.2 Switch
- 2E24.3 Degreasing

2E25 Tint Laying Machines
2E26 Tools
2E37 Transparency Viewer

PHOTOENGRAVING EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

ACID ETCHING MACHINES
See Etching Machines 2E6.

AIR BRUSHES 2E30
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Paasche Airbrush Co. Div., Cline **Electric Mfg. Co., 1909 Diversey Pkwy.,** Chicago 14, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

AIR CONDITIONING
See Air Conditioning Equipment and Supplies 8A.

ALCOHOL
See Chemicals 2E4.

ARC LAMPS
See under Lamps 2E8.

B

BEVELERS FOR PLATES
See Plate Bevelers 2E13.

BLADES FOR SAWS
See under Saws and Saw Sharpeners 2E19.

BLOCKING WOOD
See Mounting Materials 2E1.

BOARDS, SHOOT
See Shoot Boards 2E20.

BRASS PLATES
See Plates 2E12.

BRUSHES
See Tools 2E26.

BRUSHES, AIR
See Air Brushes 2E30.

BURNING-IN STOVES 2E2
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque, N. M.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

C

CABINETS FOR DRYING NEGATIVES
See Negative Cabinets 2E10.

CAMERAS AND ACCESSORIES 2E3
- **2E3.7 Bellows.**
- **2E3.1 Cameras.**
- **2E3.2 Color Filters.**
- **2E3.3 Diaphragms.**
- **2E3.4 Lenses.**
- **2E3.5 Photocopying.**
- **2E3.8 Reproportioning.**
- **2E3.6 Screens.**
- **2E3.9 Shutters, Automatic**

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—2E3.1.
○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y. — 2E3.1, 2E3.2, 2E3.6.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y. —2E3.4.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2E3.1.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago, Ill.
California Ink Co., The, 545 Sansome St., San Francisco 11, Calif.—2E3.1, 2E3.2, 2E3.3, 2E3.4, 2E3.5, 2E3.6, 2E3.7, 2E3.8.
Caprock Developments, 165 Broadway, New York 6, N. Y.—2E3.6.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—**2E3.1, 2E3.2, 2E3.3, 2E3.4,** 2E3.5, 2E3.6, 2E3.7.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2E3.1, 2E3.6.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E3.1, 2E3.3, 2E3.4, 2E3.6.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2E3.2, 2E3.6.
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.—2E3.9.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
General Scientific Corp., 5151 W. 65th St., Chicago, Ill.—2E3.4.
Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.—2E3.4.
Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.—2E3.8.
Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.—2E3.6.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.—2E3.5.
Kenro Graphics, Inc., 25 Commerce St., Chatham, N. J.—2E3.1.
Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—2E3.1, 2E3.5.
Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 7, Ill.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2E3.1.
Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa.—2E3.6.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2E3.1.
Modi-Graphic, Inc., 215 E. Ninth St., Cincinnati 2, O.—2E3.1, 2E3.8.
Moore Laboratories, 10326 Fenkell, Detroit 38, Mich.—2E3.6.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2E3.1, 2E3.2, 2E3.3, 2E3.4, 2E3.6.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, **Ill.—2E3.1, 2E3.2, 2E3.3, 2E3.4,** 2E3.5, 2E3.6, 2E3.8.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2E3.1, 2E3.3, 2E3.4, 2E3.5.
Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.
Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.—2E3.1, 2E3.4, 2E3.6.
Tasope Company, The, Tasope Bldg., Aurora, Mo.—2E3.1.
United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill.—2E3.7.
Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, **Pa.—2E3.1, 2E3.2, 2E3.3, 2E3.4, 2E3.5, 2E3.6.**
Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif.—2E3.7.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.—2E3.4.

CEMENT RUBBER
See Under Supplies 2E22.

CHEMICALS 2E4
Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.
Dom. G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and **Market Sts., Wilmington 98, Del.**
Durol Ink Co., P.O. Box 335, New Paltz, N. Y. Staging ink.
Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.
Edes Manufacturing Co., Water St., Plymouth, Mass.
Fergusson, Alex C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y.
Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.
Hunt, Philip A., Co., Palisades Park, N. J.
Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque, N. M.
Korn, Henry P., 5 Beekman St., **New York 38, N. Y.**
Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo.
Moore Laboratories, 70 W. Montcalm, Detroit 1, Mich.
Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J.

CLEANERS 2E48
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

COLD TOP ENAMEL
See Chemicals 2E4.

COLLODION
See Chemicals 2E4.

COLOR FILTERS
See under Cameras and Accessories 2E3.

COLOR PROCESS 2E5
Bourges, Incorporated, 80 Fifth Ave., New York 11, N. Y.
Colorgraph Process Co., 241 E. Illinois St., Chicago 11, Ill.
Curtis Laboratories, Inc., 2718 **Griffith Park Blvd., Los Angeles 27, Calif.**
Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

COLOR PROOFING METHOD 2E27
Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.
Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

COLOR SEPARATION MACHINE 2E46
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio, Tex.
Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.
Fairchild Graphic Equipment Corp., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

CONVERSION METHOD 2E53

Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

COOLER PRESSES 2E32

COPPER PLATES
See Plates 2E12.

CROSS-RULED SCREENS
See under Cameras and Accessories 2E3.

CUT MOUNTING PRESS 2E40
California Ink Co., Inc., 545 Sansome St., San Francisco 11 Calif.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Pittsburgh White Metal Co., Inc., 284 Hamilton Ave., Brooklyn 31, N. Y.

CUT NAILING MACHINES
See Nailing Machines 2E9.

CUTTERS, GUILLOTINE
See Guillotine Cutters 2E7.

CYANIDE
See Chemicals 2E4.

CYLINDER PLATE MAKING FOR THE TRADE 2E39
Industrial Engraving Co., Church and Banks Sts., Easton, Pa.

CYLINDER PROOF PRESSES
See under Proof Presses 2E15.

D

DARK ROOM EQUIPMENT 2E29
2E29.3 Light.
2E29.2 Sinks, Plain.
2E29.1 Sinks, Temperature Controlled.
Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O.
American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2E29.1, 2E29.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2E29.1, 2E29.2.
Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E29.1, 2E29.2.
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2E29.1, 2E29.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E29.1, 2E29.2.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2E29.1, 2E29.2.
Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque, N. M.—2E29.1.
Kreonite, Incorporated, 1709 S. Hillside, Wichita 17, Kan.—2E29.1, 2E29.2.
Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2E29.2.
Leedal, Inc., 2929 S. Halstead St., Chicago 8, Ill.—2E29.1, 2E29.2.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—2E29.1, 2E29.2, 2E29.3.
nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill.—2E29.3.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2E29.1, 2E29.2.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, **Ill.—2E29.1, 2E29.2.**
Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill.—2E29.1.
Tasope Company, The, Tasope Bldg., Aurora, Mo.—2E29.1.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.—2E29.3.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.—2E29.1.

DEPTHOMETERS
See Stereotype Department 2G14.

DIAPHRAGMS
See under Cameras and Accessories 2E3.

DRAGON'S BLOOD
See Chemicals 2E4.

DROPOUT PROCESS 2E43

DRYING CABINETS
See Negative Cabinets 2E10.

E

ELECTRIC ETCHING MACHINES
See Etching Machines 2E6.

ENGRAVING MACHINE 2E47
Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Fairchild Graphic Equipment Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

ETCHING INK
See Chemicals 2E4.

ETCHING MACHINES 2E6
2E6.1 Conventional.
2E6.2 Powderless.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.—2E6.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Holmstrom, Axel, Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.
Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.—2E6.1, 2E6.2.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Tasope Company, The, Tasope Bldg., Aurora, Mo.—2E6.2.
U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

EXPOSURE CONTROLS 2E35
Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.
General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

F

FERRIC CHLORIDE
See Chemicals 2E4.

FILM
See under Supplies 2E22.

FILTERS, COLOR
See under Cameras and Accessories 2E3.

FRAMES, PRINTING
See under Printing Frames 2E16.

G

GAUGES AND TESTING INSTRUMENTS 2E42
Also See Stereotype Department 2G14.
2E42.5 Densitometer.
2E42.1 Halftone Exposure Control.
2E42.6 Halftone Screen Counter.
2E42.3 Optical Depth Gauge.
2E42.2 pH Control.
2E42.4 Screen Adjusting Wedges.
Alico, Incorporated, Montague, Mass.—2E42.3.
Alteneder, Theo., & Sons, 1217 Spring Garden St., Philadelphia 23, Pa.
Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—2E42.5.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2E42.2.
Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E42.1, 2E42.3, 2E42.5, 2E42.6.
Gaebel, Arthur H., Inc., P. O. Box 3, Larchmont, N. Y.—2E42.3, 2E42.6.
Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.—2E42.5.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2E42.2, 2E42.4, 2E42.5, 2E42.6.

Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.—2E42.3.
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.
Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2E42.1, 2E42.5.

GLASSES, REDUCING AND MAGNIFYING
See Stereotype Department 2G17.

GRAVERS
See Tools 2E26.

GRINDING MACHINES FOR SAWS
See under Saws and Saw Sharpeners 2E19.

GUILLOTINE CUTTERS 2E7
Douthitt Corporation The, 680 E. Fort St., Detroit 26, Mich.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

H

HALFTONE SCREENS
See under Cameras and Accessories 2E3.

HAND PROOF PRESSES
See Under Proof Presses 2E15.

I

IRONS, SOLDERING
See Tools 2E26.

L

LAMINATED BLOCKING WOOD
See Mounting Materials 2E1.

LAMPS 2E8
2E8.2 Camera.
2E8.1 Color Matching.
American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L. I., N. Y.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.
National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.
nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.
Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

LENSES
See under Cameras and Accessories 2E3.

LENTICULAR SCREENS
See under Cameras and Accessories 2E3.

LINE-UP AND REGISTER TABLES 2E36
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.
Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Pittsurgh White Metal Co., Inc., 284 Hamilton Ave., Brooklyn 31, N. Y.

M

MAGNIFYING AND REDUCING GLASSES
See Stereotype Department 2G17.

MOUNTING MATERIALS 2E1
○Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Doven Division, Appleton Machine Co., 618 S. Oneida St., Box 468, Appleton, Wis.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Gulf Laminates, Inc., Picayune, Miss.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.
Lockwood Company, 125 N. Fifth St., Atchison, Kan.
Pittsburgh White Metal Co., Inc., 284 Hamilton Ave., Brooklyn 31, N. Y.
Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.
Tolerton Company, 265 N. Freedom St., Alliance, O.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.
Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.

MOUNTING SYSTEMS FOR PLATES
See Composing Room 1U.

MOUNTING WOOD
See Mounting Materials 2E1.

MURIATIC ACID
See Chemicals 2E4.

N

NAILING MACHINES 2E9
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

NEGATIVE CABINETS 2E10
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
Lyon Metal Products, Inc., Aurora, Ill.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.

O

OPAQUE
See Supplies 2E22.

P

PAPER PROOFING
See under Supplies 2E22.

PHOTO FINISHER 2E50
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

PHOTOCOMPOSING MACHINES 2E33
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Carlson, Chesley F., Co., Ben Franklin Bldg., 419 S. Third St., Minneapolis 15, Minn.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

PHOTOSTAT CAMERAS
See under Cameras and Accessories 2E3.

PHOTOTYPESETTING MACHINES
See Offset 2D46.

PLANERS 2E11
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

PLATE BEVELERS 2E13
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

PLATE COATERS 2E14
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.

PLATE COOLER 2E44
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill.

PLATE MOUNTING MACHINES
See Nailing Machines 2E9.

PLATE MOUNTING SYSTEMS
See Composing Room 1U.

PLATE MOUNTING WOOD
See Mounting Materials 2E1.

PLATE PLANERS
See Planers 2E11.

PLATE REGISTERING SYSTEMS
See Register Systems 2E17.

PLATE ROUTERS
See Routing Machines 2E18.

PLATE SHEARS
See Guillotine Cutters 2E7.

PLATE THICKNESS GAUGES
See Stereotype Department 2G14.

PLATES 2E12
2E12.4 Back-up Board for Thin Zinc.
2E12.1 Brass.
2E12.2 Copper.
2E12.5 Magnesium.
2E12.7 Pre-sensitized.
2E12.3 Zinc.
2E12.8 Zinc Alloy
2E12.6 Zinc Coated Magnesium.
○Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2E12.2, 2E12.3.
○Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5, 2E12.7.
○Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.—2E12.7.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E12.2, 2E12.3.
Dow Chemical Co., Midland, Mich.—2E12.5.
Edes Manufacturing Co., Water St., Plymouth, Mass.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2E12.2, 2E12.3.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.—2E12.3, 2E12.5, 2E12.8.

National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2E12.2, 2E12.3.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2E12.1., 2E12.2, 2E12.3, 2E12.7.
O Rolled Plate Metal Co., 196 Van Brunt St., Brooklyn 31, N. Y.—2E12.1, 2E12.2, 2E12.3, 2E12.4, 2E12.5, 2E12.8.

PLATING EQUIPMENT, CHROME 2E51

POWDERING CABINET 2E45
O Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
O General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
O Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill.

POWDER BURNING-IN STOVES
See Burning-In Stoves 2E2.

PRESSES, PROOF
See under Proof Presses 2E15.

PRINTING FRAMES 2E16
2E16.1 Plain.
2E16.2 Vacuum.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—2E16.1, 2E16.2.
Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.—2E16.2.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.—2E16.2.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.—2E16.1, 2E16.2.
O Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2E16.1, 2E16.2.
O Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2E16.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E16.1, 2E16.2.
O General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.—2E16.1, 2E16.2.
O Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—2E16.2.
LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria Va.—2E16.1.
O nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill.—2E16.2.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2E16.1, 2E16.2.
O Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—2E16.2.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—2E16.2.
Tasope Company, The, Tasope Bldg., Aurora, Mo.—2E16.2.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.—2E16.2.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E16.2.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.—2E16.1, 2E16.2.

PRINTING LAMPS
See Lamps 2E3.

PROCESS FOR COLOR PLATES
See Color Process 2E5.

PROOF DRIERS 2E34
O Doyle, J. E., Co., 1220 W. 6th St., Cleveland 13, O.

PROOFING PAPER
See Under Supplies 2E22.

PROOF PRESSES 2E15
2E15.1 Cylinder.
2E15.2 Hand.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
O Challenge Machinery Co., The, First St., Grand Haven, Mich. Automatic ink distributor for hand proof press. — 2E15.1, 2E15.2.
O Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—2E15.1.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2E15.2.
O Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2E15.2.
O Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2E15.1, 2E15.2.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E15.1, 2E15.2.

PUMP, ACID 2E52
Randolph Company, 1018 Rosine St., Houston 19, Tex.

R

RECORDERS, TIME CLOCKS
See Miscellaneous 8J.

REDUCING GLASSES
See Stereotype Department 2G17.

REGISTER SYSTEMS 2E17
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Pittsburgh White Metal Co., Inc., 284 Hamilton Ave., Brooklyn 31, N. Y.
Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.
Taylor Machine Co., 210 Guilford Ave., Baltimore 2, Md.

REPRODUCTION LETTERS 2E41
Artype Incorporated, 127 S. Northwest Hgwy., Barrington, Ill.
Fototype, Incorporated, 1414 W. Roscoe St., Chicago 13, Ill.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

ROUTING MACHINES AND BITS 2E18
2E18.2 Bits.
2E18.1 Machines.
O American Steel Chase Co., 31-31 48th Ave., Long Island City 1, N. Y.—2E18.1.
O Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2E18.1.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2E18.1, 2E18.2.
O Challenge Machinery Co., The, First St., Grand Haven, Mich.—2E18.1.
O Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2E18.1.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2E18.1.
O Gay-Lee Co., 71 W. Fourteen Mile Rd., Clawson, Mich.—2E18.2.
O Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2E18.1.
O Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2E18.1.
O Korn, Henry P., 5 Beekman St., New York 38, N. Y.—2E18.1.
O Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2E18.1, 2E18.2.
O Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2E18.1.
North American Products Corp., P.O. Box 210, Center Grove Rd., Edwardsville, Ill.—2E18.2.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
O Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2E18.1.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2E18.1, 2E18.2.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2E18.1.
O Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2E18.1.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2E18.1, 2E18.2.
Tarpley, Geo., Co., P.O. Box 245, Chesterland, O.—2E18.2.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E18.1.

RUBBER CEMENT
See Supplies 2E22.

S

SAFETY CANS
See Composing Room 1V.

SAWS AND SAW SHARPENERS 2E19
2E19.4 Band Saws.
2E19.1 Blades.
2E19.2 Saws.
2E19.3 Saw Sharpeners.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
O American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.—2E19.1.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4 Ind.—2E19.1. Sharpening Service.
Brett Guard Co., Flatbush, Ind. Term. Bldg., 3611-14th Ave., Brooklyn 18, N. Y.—Saw guard.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis, Mo.—2E19.1.
DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.—2E19.2, 2E19.4.
Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill. — 2E19.1, 2E19.2.
O Gay-Lee Co., 71 W. Fourteen Mile Rd., Clawson, Mich.—2E19.1.
O Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2E19.2.
O Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2E19.1, 2E19.2, 2E19.3.
O Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2E19.2.
North American Products Corp., P.O. Box 210, Center Grove Rd., Edwardsville, Ill.—2E19.1.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.—2E19.1, 2E19.2, 2E19.4.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Ralya Saw Corp., 109 W. Second St., Cincinnati 2, O.—2E19.1.
O Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2E19.2.
O Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—2E19.2, 2E19.4.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2E19.2.
Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.
Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—2E19.2.
Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—2E19.2.
Starrett, L. S., Co., Crescent St., Athol, Mass.—2E19.1, 2E19.4.
Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—2E19.2, 2E19.3.
Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—2E19.2.
Wardwell Manufacturing Co., 3805 Ridge Rd., Cleveland 9, O.—2E19.3.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2E19.2.
Wescott & Thomson, 1027 Arch St., Philadelphia 5, Pa.—2E19.2.

SCREENS
See under Cameras and Accessories 2E3.

SCREENS, CONTACT 2E49
Caprock Developments, 165 Broadway, New York 6, N. Y.

SENSITIZED PLATES
See under Supplies 2E22.

SHADING MACHINES
See Tint Laying Machines 2E35.

SHADING SHEETS
See under Supplies 2E22.

SHEARS, PLATE
See Guillotine Cutters 2E7.

SHOOT BOARDS 2E20
O American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
O Challenge Machinery Co., First St., Grand Haven, Mich.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

SILVER TANKS
See Tanks 2E24.

SINKS
See under Darkroom Equipment 2E29.

SOLDERING IRONS
See Tools 2E26.

STOVES FOR BURNING-IN
See Burning-In Stoves 2E2.

STRIP FILM
See under Supplies 2E22.

STRIPPING TABLES 2E21
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill.
O Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.
O Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
O General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.
O Master Etching Machine Co., 125 Greenwood Ave., Wyncote, Pa.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
O Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.
Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.
O Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y.

SUPPLIES 2E22
2E22.7 Cement.
2E22.6 Film, Transparent.
2E22.1 Film, Sensitized.
2E22.11 Lens and Filter Cleaner.
2E22.10 Masking Materials.
2E22.9 Mounting Tissue.
2E22.2 Paper, Proofing.
2E22.4 Rubber Cement.
2E22.5 Shading Sheets.
2E22.8 Solder.
O Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.—2E22.11.
O Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y. — 2E22.1, 2E22.6.
O Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.—2E22.4.
Bourges, Incorporated, 80 Fifth Ave., New York 11, N. Y.—2E22.5.
Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.
ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O.—2E22.5.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2E22.1, 2E22.2, 2E22.3, 2E22.4, 2E22.5, 2E22.6, 2E22.7, 2E22.8, 2E22.9.

○**Chemco Photoproducts Co., Inc.,** Charles St., Glen Cove, N. Y.—2E22.1, 2E22.4, 2E22.6.

Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.—2E22.5, 2E22.10.

Cramer, G., Dry Plate & Film Co., 1835 Shenandoah Ave., St. Louis 4, Mo.—2E22.1, 2E22.3, 2E22.6.

Crocker, Burbank Papers, Inc., 545 Westminister St., Fitchburg, Mass.—2E22.2.

Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.—2E22.1, 2E22.6.

Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.—2E22.1, 2E22.2.

Durol Ink Co., P.O. Box 335, New Paltz, N. Y. Staging ink.

Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.

○**Eastern Newspaper Supply Inc., 9603 Northern Blvd., Corona,** 68, N. Y.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—2E22.1, 2E22.3, 2E22.6.

Federated Metals Div., American Smelting and Refining Co., 120 **Broadway, New York 5, N. Y.** —2E22.8.

○**General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.**

Gevaert Co. of America, Inc., The, 321 W. 54th St., New York 19, N. Y.—2E22.3, 2E22.6.

Goodrich, B. F., Industrial Products Co., Akron 18, O.—2E22.4.

Haloid Xerox, Inc., 2 Haloid **St., Rochester, N. Y.—2E22.1, 2E22.2.**

Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can.—2E22.1, 2E22.6.

Miami Valley Coated Paper Co., Oxford Rd., Franklin, O.—2E22.10.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.

Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y. —2E22.7.

National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.—2E22.1, 2E22.2, 2E22.6.

Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.

Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.—2E22.7.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Rogers Isinglass and Glue Co., 210 Eastern Ave., Gloucester, Mass.

Roth, David Z., & Co., 1235 Main Ave., Clifton, N. J.—2E22.1.

Simplex Specialty Co., Inc., 116 W. 14th St., New York 11, N. Y.

Star Cement Co., 190 Wyoming Ave., Maplewood, N. J. —2E22.7.

Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.

Tintograph Company, 48 New Chambers St., New York 38, N. Y.—2E22.5.

Transilwrap Company, 2247 N. Clark St., Chicago 40, Ill.—2E22.2, 2E22.6.

Ulano Products Co., 610 Dean St., Brooklyn 38, N. Y.—2E22.10.

SWEATING-ON MACHINES 2E23

Ostrander Seymour Co., The, 1710 **N. 25th Ave., Melrose Park, Ill.**

SYSTEMS FOR REGISTERING PLATES
See Register Systems 2E17.

T

TABLES, STRIPPING
See Stripping Tables, 2E21.

TANKS 2E24
2E24.1 Conventional.
2E24.2 Switch.
2E24.3 Degreasing.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.

○**General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.**

Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

○Master Sales & Service Corp., 125 **Greenwood Ave., Wyncote, Pa.**

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2E24.1.

U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TINT LAYING MACHINES 2E25

○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.

TOOLS 2E26
Brushes, Gravers, Soldering Irons, etc.

Atkins Saw Div., Borg-Warner Corp., 402 S. Illinois St., Indianapolis 9, Ind.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.

○**Hoe, R., & Co., 910 E. 138th St., New York 54, N. Y.**

○Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa. Tee squares.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

TRANSPARENCY VIEWER 2E27

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.

Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

TYPE HIGH GAUGES
See Stereotype Department 2G14.

W

WASHINGTON-TYPE PROOF PRESSES
See under Proof Presses 2E15.

WHIRLERS, PLATE
See Plate Coaters 2E14.

WIPING CLOTHS
See Pressroom 5VV Wiping Cloths.

WOOD FOR BLOCKING
See Mounting Materials 2E1.

Z

ZINC PLATES
See Plates 2E12.

***Printing Production* Filing System**

2F — Rubber Platemaking Index

HOW TO USE THIS INDEX—This Rubber Platemaking Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference in the Key. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

○Indicates advertiser. See Advertisers' Index, Pages B-C-D.

KEY FOR RUBBER PLATE MAKING INDEX

2F1 Blocks for Engraving.
2F2 Engraving Tools.
2F3 Molding and Vulcanizing Equipment.
2F11 Plate Grinder.
2F4 Platemaking Material.
2F5 Plates for the Trade.
2F6 Processes for the Trade.
2F9 Proving.
2F10 Rubber Design Rollers.
2F7 Rubber Plate Bases.
2F8 Supplies.

RUBBER PLATEMAKING EQUIPMENT AND SUPPLIES INDEX

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.—**2F3, 2F8.**

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2F3.

○**Challenge Machinery Co., The,** First St., Grand Haven, Mich. —2F7.

Doven Division, Appleton Machine Co., 618 S. Oneida St., Box 468, Appleton, Wis.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y. —2F4, 2F5, 2F6.

Electro-Copyst, Inc., 205 E. 42nd St., New York 17, N. Y.—2F3.

Goodrich, B. F., Chemical Co., Div. of The B. F. Goodrich Co., 3135 Euclid Ave., Cleveland 15, O.—2F4.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—2F4.

Hamilton Manufacturing Co., 1316 —**18th St., Two Rivers, Wis.—2F1.**

Harley Company, The, 8701 Third Ave., Brooklyn 9, N. Y.—2F9, 2F11.

Heinrich, H. H., Co., 111 Eighth **Ave., New York 11, N. Y.—2F3.**

○**Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8,** Ill.—2F4, 2F8.

○Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.—2F3.

Lockwood Company, Inc., 125 N. Fifth St., Atchison, Kan.—2F7.

Minnesota Mining & Mfg. Co., 900 Bush St., St. Paul 6, Minn. Adhesive two side mounting film.

○Monomelt Company, Inc., The, 1611 N. E. Polk St., Minneapolis, Minn.—2F3, 2F4, 2F7, 2F8.

Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J. —2F5, 2F9, 2F10.

Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.—2F2, 2F4, 2F5, 2F6.

Parazin Corporation, 208 Mill St., Rochester 4, N. Y.—2F4, 2F10.

Pasadena Hydraulics, Inc., 1433 Lidcombe, El Monte, Calif.—2F3.

Payne, Ernest Corp., 82 Beekman St., New York 38, N. Y.—2F3.

Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.—2F8.

Pioneer Rubber Engraving Co., 21 E. 17th St., New York 3, N. Y. —2F5.

Potdevin Machine Co., 297 North St., Teterboro, N. J.—2F3.

Printing Machinery Co., The, 436 **Commercial Sq., Cincinnati 2, O.—2F7.**

Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.—2F5.

Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—2F3, 2F9, 2F11.

Quality Engraving & Electrotype Co., 436 Commercial Sq., Cincinnati 2, O.—2F5.

Reilly Electrotype Co., Div. of Electrographic Corporation, 305 E. 45th St., New York 17, N. Y.—2F5.

○**Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2F2.**

Schweizer, Chas. K., Co., 231 Russell Ave., St. Louis 4, Mo. —2F3, 2F5.

Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2F4, 2F8.

Studebaker Hydraulic Products Co., 1733 N. 33rd Ave., Melrose Park, Ill.—2F3.

Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo.—2F2, 2F4, 2F8.

Westcott & Thomson, Inc., 1637 Arch St., Philadelphia 5, Pa.—2F5.

Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.—2F3, 2F4, 2F11.

Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y.—2F4.

○Wood Flong Corp., Davis St., Hoosick Falls, N. Y.—2F4.

Printing Production Filing System

2G — Stereotype Department Index

HOW TO USE THIS INDEX—This Stereotype Department Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR STEREOTYPE DEPARTMENT INDEX

- **2G1** Adhesives
  - 2G1.1 Cut Cement
  - 2G1.2 Paste Materials
- **2G2** Beveling Machines
- **2G3** Blankets (Molding)
  - 2G3.1 Cork
  - 2G3.2 Fabric
  - 2G3.3 Fibre
  - 2G3.4 Rubber
  - 2G3.5 Rubber Creeper
- **2G41** Boiler or Scale Cleaning Compounds
- **2G4** Boilers
- **2G5** Cabinets
- **2G6** Casting Boxes
  - 2G6.4 Cores
  - 2G6.1 Curved
  - 2G6.2 Flat Plate
  - 2G6.3 Vacuum
- **2G7** Casting Machines
- **2G9** Cooling Tables
- **2G8** Correcting Machines
- **2G10** Direct Pressure Matrix Presses
- **2G11** Finishing Equipment, Commercial
- **2G12** Formers, Pre-shrinkers and Scorchers
  - 2G12.1 Formers
  - 2G12.3 Pre-shrinkers
  - 2G12.2 Scorchers
- **2G13** Furnaces and Tools
- **2G14** Gauges and Testing Instruments
  - 2G14.1 Casting Box
  - 2G14.6 Contrastometer
  - 2G14.2 Depth
  - 2G14.3 Machine
  - 2G14.7 Optical Depthmeter
  - 2G14.4 Plate
  - 2G14.5 Type High
- **2G15** Humidors
- **2G16** Jig Saws and Drilling
- **2G40** Letters for Reverse Stereotyping
- **2G17** Magnifying and Reducing Glasses
- **2G18** Mats and Matrix Papers
  - 2G18.4 Ad Mats
  - 2G18.1 Dry Mats
  - 2G18.2 Matrix Papers
  - 2G18.6 Packless
  - 2G18.3 Special Process
  - 2G18.5 Syndicate Mats
- **2G19** Mat Trimmers
- **2G20** Metal and Metal Flux
- **2G21** Metal Melting Devices
  - 2G21.1 Coal
  - 2G21.2 Immersion, Electric
  - 2G21.3 Immersion, Gas
  - 2G21.4 Oil
- **2G22** Metal Temperature Controls
  - 2G22.1 Electric Eye
  - 2G22.2 Pyrometers
  - 2G22.3 Thermometers
- **2G23** Moisteners
- **2G24** Motors and Controls
- **2G26** Plate Conveyors and Drops
- **2G38** Plate Mounting Equipment
- **2G42** Plate Pre-makeready
- **2G27** Plate Shavers, Boring Machines and Planers
  - 2G27.1 Curved
  - 2G27.2 Flat
- **2G28** Plating Equipment
- **2G39** Reforming Machines
- **2G29** Register Device for Color Plates
- **2G30** Rollers, Mat
- **2G31** Routing Machines and Bits
  - 2G31.2 Bits
  - 2G31.1 Machines
  - 2G31.3 Shell Plate Finisher
- **2G32** Sawing and Trimming Machinery
  - 2G32.1 Band Saws
  - 2G32.3 Saw Blades
  - 2G32.2 Saws
  - 2G32.4 Trimmers
- **2G33** Steam Tables
- **2G34** Supplies
  - 2G34.1 Gummed Tape
  - 2G34.2 Packing
  - 2G34.3 Parting Powder
- **2G35** Tools
- **2G36** Tool Grinding
- **2G37** Trucks
  - 2G37.1 Form
  - 2G37.3 Lift
  - 2G37.2 Plate

STEREOTYPE DEPARTMENT EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

○Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

ADHESIVES 2G1
2G1.1 Cut Cement.
2G1.2 Paste Materials.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.—2G1.2.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.—2G1.1, 2G1.2.
○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.—2G1.1.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.—2G1.1.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Green's Paste Works, 200 Liverpool Rd., P.O. Box 7, Salina Sta., Syracuse 8, N. Y.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.—2G1.1.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

AD MATS
See under Mats and Matrix Papers, 2G18.

B

BAND SAWS
See under Sawing and Trimming Machinery 2G32.

BENCH GRINDERS
See Tool Grinding 2G36.

BEVELING MACHINES 2G2
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Royle, John & Sons, 10 Essex St., Paterson 3, N. J.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

BLADES, SAWS
See under Sawing and Trimming Machinery 2G32.

BLANKETS (MOLDING) 2G3
2G3.1 Cork.
2G3.2 Fabric.
2G3.3 Fibre.
2G3.4 Rubber.
2G3.5 Rubber Creeper.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.—2G3.1, 2G3.2, 2G3.4.
Best, Edward H., & Co., P. O. Box 1752, 222 Purchase St., Boston 5, Mass.—2G3.2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif. — 2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
Carmichael Blanket Co., 1151 Oxford Rd., N. E., Atlanta 6, Ga.
○Corkpak Company, Inc., The 70 Argyle Ave., New Rochelle, N. Y. —2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
Coyne & Paddock, Inc., 46-09—21st St., Long Island City 1, N. Y.—2G3.1, 2G3.3, 2G3.4, 2G3.5.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—2G3.1, 2G3.2.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—2G3.4, 2G3.5.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.—2G3.2.
McHugh, J. Thomas, Co., 31 E. Georgia St., Indianapolis 4, Ind.—2G3.4.
Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—2G3.1, 2G3.2, 2G3.3, 2G3.5.
○Niles & Nelson, Inc., 75 West St., New York 6, N. Y.
○Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.—2G3.1, 2G3.2, 2G3.3, 2G3.4, 2G3.5.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—2G3.4.

BOILER OR SCALE CLEANING COMPOUNDS 2G41
Timmons & Charles, 110 Academy St., Jersey City 2, N. J.

BOILERS 2G4
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

BORING MACHINES
See under Plate Shavers and Boring Machines 2G27.

BOXES, CASTING
See under Casting Boxes 2G6.

BOXES, CURVED PLATE
See under Casting Boxes 2G6.

C

CABINETS 2G5
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
Equipto, 401 S. Highland, Aurora, Ill.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Hansen Metal Products Co., 7171 W. Bloomingdale Ave., Chicago 35, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Penco Division, Alan Wood Steel Co., Oaks, Pa.
Petersen Mfg. Co., 18 Sebago St., Clifton, N. J.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.

Thompson Cabinet Co., Lake St., Ludington, Mich.

CASTING BOXES 2G6
2G6.4 Cores.
2G6.1 Curved Plate.
2G6.2 Flat Plate.
2G6.3 Vacuum.

Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St., W., Toronto 1, Ontario, Can.—2G6.1.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—2G6.1.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G6.1, 2G6.2, 2G6.3.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—2G6.1, 2G6.2, 2G6.3.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2G6.2.
Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa.—2G6.3.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2G6.1, 2G6.2, 2G6.3.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G6.1, 2G6.2, 2G6.3.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—2G6.2.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.—2G6.1, 2G6.2.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—2G6.1, 2G6.2.
○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif.—2G6.2, 2G6.3.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2G6.1, 2G6.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G6.1, 2G6.2.
Westcott & Thomson, 1027 Arch St., Philadelphia 5, Pa.—2G6.3.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.—2G6.3.

CASTING BOX GAUGES
See under Gauges and Testing Instruments 2G14.

CASTING MACHINES 2G7
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
International Newspaper Supply Corp., 1639 N. Lorel Ave., Chicago 39, Ill. Electric metal pump.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

CEMENT FOR CUTS
See under Adhesives 2G1.

CHASES
See Composing Room 1F.

CLEANERS FOR METAL
See Metal and Metal Flux 2G20.

COAL METAL MELTING DEVICES
See under Metal Melting Devices 2G21.

COLOR PLATE METAL
See Metal and Metal Flux 2G20.

COLOR PLATE REGISTER DEVICE
See Register Device for Color Plates 2G29.

CONTROL FOR MOTORS
See Motors and Controls 2G24.

CONVEYOR FOR PLATES
See Plate Conveyors 2G26.

COOLING TABLES 2G9
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

CORK BLANKETS
See under Blankets 2G3.

CORRECTING MACHINES 2G8
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St., W., Toronto 1, Ontario, Can.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.

CREEPERS, RUBBER
See under Blankets 2G3.

CURVED PLATE BORING MACHINES
See under Plate Shavers and Boring Machines 2G27.

CURVED PLATE CASTING BOXES
See under Casting Boxes 2G6.

CUT CEMENT
See under Adhesives 2G1.

D

DEPTH GAUGES
See under Gauges and Testing Instruments 2G14.

DIRECT PRESSURE PRESSES 2G10
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St., W., Toronto 1, Ontario, Can.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.

DRILLING AND JIG SAW MACHINERY
See Jig Saws and Drills 2G16.

DRIVES FOR STEREOTYPE MACHINERY
See Motors and Controls 2G24.

DROP AND PLATE CONVEYORS
See Plate Conveyors and Drops 2G26.

DRY MATS
See under Mats and Matrix Papers 2G18.

E

ELECTRIC DRIVES FOR STEREOTYPE MACHINERY
See Motors and Controls 2G24.

ELECTRIC EYE METAL CONTROL
See under Metal Temperature Controls 2G22.

ELECTRIC IMMERSION HEATING ELEMENTS
See under Metal Melting Devices 2G21.

ELEMENTS, ELECTRIC IMMERSION HEATING
See under Metal Melting Devices 2G21.

ENLARGING GLASSES
See Magnifying and Reducing Glasses 2G17.

F

FABRIC BLANKETS
See under Blankets 2G3.

FIBRE BLANKETS
See under Blankets 2G3.

FINISHING EQUIPMENT, COMMERCIAL 2G11
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

FLAT PLATE CASTING BOXES
See under Casting Boxes 2G6.

FLAT PLATE SHAVERS
See under Plate Shavers and Boring Machines 2G27.

FLUX FOR METALS
See Metal and Metal Flux 2G20.

FORMERS, PRE-SHRINKERS AND SCORCHERS 2G12
2G12.1 Formers.
2G12.2 Pre-shrinkers.
2G12.3 Scorchers.

Alico, Incorporated, Montague, Mass.—2G12.2.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.—2G12.3.
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St., W., Toronto 1, Ontario, Can.—2G12.1.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—2G12.3.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2G12.3.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G12.3.
Industron Corporation, 55 Needham St., Newton Highlands 61, Mass.—2G12.3.
Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.—2G12.2.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G12.3.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.—2G12.2.
○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif.—2G12.1, 2G12.2.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2G12.3.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.—2G12.3.

FORM TRUCKS
See under Trucks 2G37.

FURNACES AND TOOLS 2G13
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.
○Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Pittsburgh White Metals Co., 284 Hamilton Ave., Brooklyn 31, N. Y.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.
Surface Combustion Corp., 2375 Dorr St., Toledo 1, O.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

G

GAS IMMERSION METAL MELTING
See under Metal Melting Devices 2G21.

GAUGES AND TESTING INSTRUMENTS 2G14
2G14.1 Casting Box.
2G14.6 Contrastometer.
2G14.2 Depth.
2G14.3 Machine.
2G14.7 Optical Depthmeter.
2G14.4 Plate.
2G14.5 Type High.

Alico, Incorporated, Montague, Mass.—2G14.4, 2G14.5, 2G14.7.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.—2G14.2.
Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.—2G14.5.
○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.—2G14.4.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.—2G14.5.
○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y.—2G14.2.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—2G14.2.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.—2G14.2.
Fisher Scientific Co., 717 Forbes St., Pittsburgh 19, Pa. Casting box temperature determining wax pencils.
Gaebel, Arthur H., Inc., P. O. Box 3, Larchmont, N. Y.—2G14.2, 2G14.7.
○Hoe, R. & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G14.1, 2G14.3, 2G14.4, 2G14.5.
○Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.—2G14.4.
Nolan Machinery Co., Port St., Pulaski, N. Y.—2G14.5.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
Pittsburgh White Metal Co., Inc., 284 Hamilton Ave., Brooklyn 31, N. Y.—2G14.5.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.—2G14.4.
Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.
Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.—2G14.7.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—2G14.4, 2G14.5.
Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.

GEARS, PARTS, ETC.
See Parts, Gears, etc. 2G25.

GLASSES, MAGNIFYING AND REDUCING
See Magnifying and Reducing Glasses 2G17.

GRINDERS FOR TOOLS
See Tool Grinding 2G36.

GRINDING MACHINES FOR SAWS
See Composing Room 1Z.

GUMMED TAPE
See under Supplies 2G24.

H

HEATING ELEMENTS, ELECTRIC IMMERSION
See under Metal Melting Devices 2G21.

HUMIDORS 2G15
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.

○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.
○Wesel Manufacturing Co., 1141 **N. Washington Ave., Scranton 9,** Pa.

HURDY-GURDIES
See Correcting Machines 2G8.

HYDRAULIC MATRIX PRESSES
See Direct Pressure Matrix Presses 2G10.

I

IMMERSION GAS METAL MELTING
See under Metal Melting Devices 2G21.

IMMERSION, HEATING ELEMENTS, ELECTRIC
See under Metal Melting Devices 2G21.

J

JIG SAWS AND DRILLING 2G16
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
○Hammond Machinery Builders, Inc., 1600 Dougas Ave., Kalamazoo 54, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Morrison Co., The, 125 W. Melvina St., Milwaukee 12, Wis.
Ostrander Seymour Co., The, 1710 **N. 25th Ave., Melrose Park,** Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

L

LADLES
See under Tools 2G35.

LETTERS FOR REVERSE STEREOTYPING 2G40

LIFT TRUCKS
See under Trucks 2G37.

LOCKERS, CLOTHING
See Composing Room 100.

M

MACHINES, CORRECTING
See Correcting Machines 2G3.

MACHINES FOR BORING
See Plate Shavers and Boring Machines 2G27.

MACHINES FOR CASTING
See Casting Machines 2G7.

MAGNIFYING AND REDUCING GLASSES 2G17
Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.
Bache, Semon & Co., 636 Greenwich St., New York 14, N. Y.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.
○Corkpak Company, Inc., 70 Argyle Ave., New Rochelle, N. Y.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Gaebel, Arthur H., Inc., P. O. Box 3, Larchmont, N. Y.
Mark Specialty Co., 183 St. Paul St., Rochester 4, N. Y.
Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.
Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.

MAT FORMERS
See Formers and Scorchers 2G12.

MAT HUMIDORS
See Humidors 2G15.

MAT ROLLING MACHINES
See Rollers, Mat 2G30.

MAT SCORCHERS
See Formers and Scorchers 2G12.

MAT SHEARS
See Mat Trimmers 2G19.

MAT TRIMMERS 2G19
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
Coes Knife Co., 72 Coes St., Worcester 3, Mass.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.
○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif.
United Stereotype Supply Corp., P. O. Box 38, West Lynn, Mass.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

MATRIX PAPERS
See under Mats and Matrix Papers 2G18.

MATRIX PRESSES, HYDRAULIC
See Direct Pressure Matrix Presses 2G10.

MATS AND MATRIX PAPERS 2G18
2G18.4 Ad Mats.
2G18.1 Dry Mats.
2G18.2 Matrix Papers.
2G18.6 Packless.
2G18.3 Special Process.
2G18.5 Syndicate Mats.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
○Beveridge Paper Co., New Products Div., 705 W. Washington St., Indianapolis 4, Ind. — 2G18.1.
○Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.—2G18.1, 2G18.3, 2G18.4, 2G18.5.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2G18.1, 2G18.2, 2G18.3, 2G18.4, 2G18.5.
○Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.—2G18.1, 2G18.3, 2G18.4, 2G18.5.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle N. Y.—2G18.1, 2G18.2, 2G18.4, 2G18.5.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Kimberly-Clark Corporation, Neenah, Wis. 2G18.6.
○New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—2G18.2.
Stereotex Company, The, Newburyport, Mass.—2G18.6.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.
○Wood Flong Corp., Davis St., Hoosick Falls, N. Y.—2G18.1, 2G18.3, 2G18.4, 2G18.5, 2G18.6.
Wyomissing Paper Products, Div. Narrow Fabric Co., 19 S. Second Ave., West Reading, Pa.—2G18.4.

MELTING DEVICES FOR METAL
See Metal Melting Devices 2G21.

METAL AND METAL FLUX 2G20
Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.
National Lead Co., 111 Broadway, New York 6, N. Y.
Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y.
Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

METAL CONTROL, ELECTRIC EYE
See under Metal Temperature Controls 2G22.

METAL MELTING DEVICES 2G21
2G21.1 Coal.
2G21.2 Immersion, Electric.
2G21.3 Immersion, Gas.
2G21.4 Oil.
Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass.—2G21.2.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
Electric Heating Co., 8616 Madison Ave., Southgate, Calif.—2G21.2, 2G21.3.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—2G21.2.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.—2G21.3.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Selas Corp. of America, Dresher, Pa.—2G21.3.
United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

METAL TEMPERATURE CONTROLS 2G22
2G22.1 Electric Eye.
2G22.2 Pyrometers.
2G22.3 Thermometers.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—2G22.2, 2G22.3.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.
Fenwall, Incorporated, Pleasant St., Ashland, Mass.—2G22.3.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G22.2.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G22.2, 2G22.3.
Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.—2G22.2.
Partlow Corporation, 2 Campion Road, New Hartford, N. Y.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—2G22.1.
Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia 30, Pa.—2G22.3.
Pyrometer Instrument Co., Inc., 92 Portland St., Bergenfield, N. J.—2G22.2, 2G22.3.
Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.—2G22.3.
Tork Time Controls, Inc., 52 McQuesten Parkway, Mt. Vernon, N. Y.
United Stereotype Supply Corp., P.O. Box 38, West Lynn, Mass.—2G22.3.
Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—2G22.2, 2G22.3.

MILLING MACHINES FOR PLATES
See Plate Shavers and Boring Machines 2G27.

MOISTENERS 2G23
Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.

MORTISING MACHINERY
See Jig Saws and Drills 2G16.

MOTORS AND CONTROLS 2G24
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.
Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.
General Electric Co., Apparatus Sales Div., One River Road, Schenectady 5, N. Y.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

MOUNTING MATERIALS
See 2E1.

O

OIL METAL MELTING DEVICES
See under Metal Melting Devices 2G21.

P

PACKING STRIPS
See under Supplies 2G34.

PAPERS, MATRIX
See Mats and Matrix Papers 2G18.

PARTING POWDER
See under Supplies 2G34.

PASTE MATERIALS
See under Adhesives 2G1.

PHOTO-ELECTRIC METAL CONTROL
See under Metal Temperature Controls 2G22.

PLANERS FOR PLATES
See Plate Shavers, Boring Machines and Planers 2G27.

PLASTIC MATS
See under Mats and Matrix Papers 2G18.

PLATE BEVELERS
See Beveling Machines 2G2.

PLATE CONVEYORS AND DROPS 2G26
○Jampol Company, Inc., The, 723—61st St., Brooklyn 20, N. Y.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

PLATE CORRECTING MACHINES
See Correcting Machines 2G8.

PLATE GAUGES
See under Gauges and Testing Instruments 2G14.

PLATE MOUNTING EQUIPMENT 2G38
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
Klingman Precision Metals Co., Inc., P.O. Box 427, Louisville, Ky.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

PLATE PLANERS
See under Plate Shavers and Boring Machines 2G27.

PLATE PRE-MAKEREADY 2G43
Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.

Lake Shore Electrotype Div., Electographic Corp., 1224 W. Van Buren St., Chicago 7, Ill.
Reilly Electrotype Co., Div. of Electrographic Corporation, 305 E. 45th St., New York 17, N. Y. —2G42.

PLATE ROUTERS
See Routing Machines 2G31.

PLATE SHAVERS, BORING MACHINES AND PLANERS 2G27
2G27.1 Curved.
2G27.2 Flat.
○Carlson, Chesley F., Co., Ben Franklin Bldg., 419 S. Third St., Minneapolis 15, Minn.—2G27.2.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2G27.1, 2G27.2.
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can.—2G27.1, 2G27.2.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G27.1, 2G27.2.
○**Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.**
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—2G27.1.
○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.**
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.—2G27.2.
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill.
○**Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.**
○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif.—2G27.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G27.1, 2G27.2.
○**Wood Newspaper Machinery Corp.,** 688 S. Second St., Plainfield, N. J.

PLATE STRAIGHTENING MACHINES
See Correcting Machines 2G8.

PLATE TRUCKS
See under Trucks 2G37.

PLATING EQUIPMENT 2G28
Hanson, Van Winkle, Munning Co., 100 Church St., Matawan, N. J.
Munning & Munning, Inc., 202 Emmet St., Newark 5, N. J.
Process Engineering Co., 6435 N. Central Ave., Chicago 46, Ill.

POWDER, PARTING
See under Supplies 2G34.

PRESSES, DIRECT PRESSURE
See Direct Pressure Matrix Presses 2G10.

PYROMETERS
See under Metal Temperature Controls 2G22.

R

REDUCING GLASSES
See Magnifying and Reducing Glasses 2G17.

REFORMING MACHINES 2G39
Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

REGISTER DEVICE FOR COLOR PLATES 2G29
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.
○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.**
○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif.
○**Wood Newspaper Machinery Corp.,** 688 S. Second St., Plainfield, N. J.

REMELTING TOOLS
See Furnaces and Tools 2G13.

ROASTERS FOR MATS
See Formers and Scorchers 2G12.

ROLLERS, MAT 2G30
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.**
○**Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.**
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.

ROUTING MACHINES AND BITS 2G31
2G31.2 Bits.
2G31.1 Machines.
2G31.3 Shell Plate Finisher.
○**American Publishers Supply, Inc.,** P.O. Box 421, Lynnfield, Mass.—2G31.1, 2G31.2.
○**American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.—2G31.1.**
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2G31.1.
○Carlson, Chesley F., Co., Ben Franklin Bldg., 419 S. Third St., Minneapolis 15, Minn.—2G31.3.
○**Challenge Machinery Co., The,** First St., Grand Haven, Mich.—2G31.1.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—2G31.1
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can.—2G31.1.
○**Eastern Newspaper Supply, Inc.,** 9603 Northern Blvd., Corona, 68, N. Y.—2G31.1, 2G31.2.
○Gay-Lee Co., 71 W. Fourteen Mile Rd., Clawson, Mich.—2G31.2.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—2G31.1.
○Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—2G31.1.
○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G31.1.**
○Korn, Henry P., 5 Beekman St., New York 38, N. Y.—2G31.1.
Midwest Publishers Supply Co., 4500 Cermak Rd., Chicago 23, Ill.
○**Morrison Co., The, 125 W. Melvina St., Milwaukee 12, Wis.—2G31.1.**
Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.—2G31.1, 2G31.2.
○**Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G31.1.**
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.—2G31.1.
○**Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2G31.1.**
○**Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—2G31.1.**
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.—2G31.1, 2G31.2.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—2G31.1.
○**Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G31.1.**
Tarpley, Geo., Co., P.O. Box 245, Chesterland, O.—2G31.2.
Tasope Company, The, Tasope Bldg., Aurora, Mo.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G31.1.

RUBBER BLANKETS
See under Blankets 2G3.

RUBBER CREEPERS
See under Blankets 2G3.

S

SAFETY CANS
See Composing Room 1Y.

SAWING AND TRIMMING MACHINERY 2G32
2G32.1 Band Saws.
2G32.3 Saw Blades.
2G32.2 Saws.
2G32.4 Trimmers.
○**American Publishers Supply, Inc.,** P.O. Box 421, Lynnfield, Mass.
○**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.—2G32.2, 2G32.3.
American Wood Products & Tool Supply, 705 Montclaire Ave. Edwardsville, Ill.—2G32.3.
Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.—2G32.3.
Brett Guard Co., Flatbush Ind. Term. Bldg., 3611-14th Ave., Brooklyn 18, N. Y. Saw guard.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.—2G32.2, 2G32.3.
Coes Knife Co., 72 Coes St., Worcester 3, Mass.
DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.—2G32.1.
○**Eastern Newspaper Supply, Inc.,** 9603 Northern Blvd., Corona, 68, N. Y.
Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill. — 2G32.2, 2G32.3, 2G32.4.
○Gay-Lee Co., 71 W. Fourteen Mile Rd., Clawson, Mich.—2G32.3.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G32.2, 2G32.4.
○**Hammond Machinery Builders,** Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.
○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—2G32.2.**
Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
○Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.
○**Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis.—2G32.2, 2G32.4.**
○**Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G32.2.**
North American Products Corp., P.O. Box 210, Center Grove Rd., Edwardsville, Ill.—2G32.3.
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.
○**Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—2G32.4.**
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
Ralya Saw Corp., 109 W. Second St., Cincinnati 2, O.—2G32.3.
○**Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.**
○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—2G32.1.
Royle, John, & Sons, 10 Essex St., Paterson 3, N. J.
Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O.
Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—2G32.2.
Simonds Saw & Steel Co., 470 Main St., Fitchburg, Mass.—2G32.2.
Starrett, L. S., Co., Crescent St., Athol, Mass.—2G32.1, 2G32.3.
Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, O.—2G32.2.
Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis.—2G32.4.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G32.2, 2G32.4.
Wescott & Thomson, Inc., 1027 Arch St., Philadelphia 5, Pa.—2G32.2, 2G32.4.

SAW SHARPENING MACHINES
See Composing Room 1Z.

SAW SWAGING MACHINES
See Composing Room 1Z.

SCORCHERS
See Formers and Scorchers 2G12.

SHARPENING MACHINES FOR SAWS
See Saws, Planers, Saw Sharpeners 1Z.

SHAVERS, PLATE
See under Plate Shavers and Boring Machines 2G27.

SHEARS FOR MATS
See Mat Trimmers 2G19.

STEAM TABLES 2G33
○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.**
Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill.

STEREOTYPE CHASES
See Chases, Quoins and Lockup Devices 1F.

STEREOTYPE METAL
See Metal and Metal Flux 2G20.

STRIPS FOR PACKING
See under Supplies 2G34.

SUPPLIES 2G34
2G34.1 Gummed Tape.
2G34.2 Packing Strips.
2G34.3 Parting Powder.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.—2G34.1, 2G34.2.
○**Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.**
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—2G34.1, 2G34.2, 2G34.3.
○Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.—2G34.1, 2G34.2.
○**Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—2G34.1, 2G34.2.**
Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O.—2G34.1, 2G34.2, 2G34.3.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Irwin Manufacturing Co., Main St., Garland, Pa. Basswood blocks.
Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—2G34.2.
Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.—2G34.1.
Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.
United Stereotype Supply Co., P.O. Box 38, West Lynn, Mass.—2G34.2.
○Wood Flong Corporation, Davis St., Hoosick Falls, N. Y.

SYNDICATE MATS
See under Mats and Matrix Papers 2G18.

T

TABLES, COOLING
See Cooling Tables 2G9.

TABLES, STEAM
See Steam Tables 2G33.

TAPE, GUMMED
See under Supplies 2G34.

TEMPERATURE INDICATORS
See under Metal Temperature Controls 2G22.

THERMOMETERS
See under Metal Temperature Controls 2G22.

TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TISSUE FOR MATRIX
See under Mats and Matrix Papers 2G18.

TOOLS 2G35
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.
New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.
○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.

TOOL GRINDING 2G36
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

TRIMMERS FOR MATS
See Mat Trimmers 2G19.

TRIMMERS FOR SAWS
See under Sawing and Trimming Machinery 2G32.

TRIMMING AND SAWING MACHINERY
See under Sawing and Trimming Machinery 2G32.

TRUCKS 2G37
2G37.1 Form.
2G37.3 Lift.
2G37.2 Plate.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
Electric Heating Co., 8616 Madison Ave., South Gate, Calif.—2G37.3.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—2G37.1.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—2G37.3.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.—2G37.3.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—2G37.3.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—2G37.1, 2G37.2.
Revolvator Company, 2096—86th St., North Bergen, N. J.—2G37.3.
○Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.—2G37.1, 2G37.2, 2G37.3.
Thompson Cabinet Co., Lake St., Ludington, Mich. — 2G37.1, 2G37.2.
Webb Machine Works, 1252 Dalzell St., Shreveport, La.—2G37.2.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—2G37.1.

TYPE HIGH GAUGES
See under Gauges and Testing Instruments 2G14.

V

VACUUM CASTING BOXES
See under Casting Boxes 2G6.

W

WET MATS
See under Mats and Matrix Papers 2G18.

Printing Production Filing System

2H — Plastic Platemaking Index

HOW TO USE THIS INDEX—This Plastic Platemaking Index is comprised of two parts. At left is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

KEY FOR PLASTIC PLATEMAKING INDEX

2H4 Ameripol.
2H6 Chemigum.
2H2 Geon.
2H5 Koroseal.
2H8 Plate Molding Equipment.
2H3 Resinous Matrices.
2H7 Vinylite.

2H4 Ameripol.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

2H6 Chemigum.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass. Synthetic rubber and cement for making hand stamps and rubber plates.

2H2 Geon
Goodrich, B. F., Chemical Co., Div. of B. F. Goodrich Co., 3135 Euclid Ave., Cleveland 15, O.

2H5 Koroseal.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

2H8 Plate Molding Equipment.
American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.
Electro-Copyst, Inc., 205 E. 42nd St., New York 17, N. Y.
○Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.
Pasadena Hydraulics, Inc., 1433 Lidcombe, El Monte, Calif.
Studebaker Hydraulic Products Co., 1733 N. 33rd Ave., Melrose Park, Ill.
Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J.

2H3 Resinous Matrices.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.
○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.
Wilsolite Corporation, 1327 Niagara St., Buffalo 7, N. Y.

2H7 Vinylite.
○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn.

***Printing Production* Filing System**

3—Paper and Printing Stock Index

Paper Trade Name Index

(Companies listed are manufacturers, suppliers and dealers indiscriminately)

In compiling this index PRINTING PRODUCTION has exercised every precaution to see that all names and addresses published in this index are correct according to the information furnished. For this reason, we cannot be responsible for errors or omissions.

In this *Paper Trade Name Index,* the Paper Company names and addresses are listed in alphabetical order. Each alphabetical section of the listing is headed with a bold face capital letter.

Preceding the company names are bold face numbers (1 through 124). These bold face numbers identify the company names. For example: **62**—Mead Papers, Inc., etc., means that the bold face number **62** always represents Mead Papers, Inc.

Following each company name will be found one or more combination figure-and-letter symbols which represent the kinds of paper stock listed in this index. Example: **62**— Mead Papers, Inc., 118 W. First St., Dayton 2, O.—3B, 3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3U, 3V, 3AA, 3BB, 3HH.

PAPER TRADE NAME INDEX

The Trade Names are listed in alphabetical sequence. Each alphabetical section is headed with a bold face capital letter. Preceding the Trade Names are bold face numbers. These bold face numbers identify the company distributing paper under that individual Trade Name.

Following each Trade Name will be found one or more combination figure-and-letter symbols which represent the kinds of paper stock produced under that Trade Name. These symbols are explained in the accompanying *Key for Paper and Printing Stock Index.*

To illustrate how the system works, we will assume that you wish to determine the source of supply for Challenge brand. Referring to this name in the alphabetically arranged *Paper Trade Name Index,* the reference is as follows:

62—Challenge—3F.

The bold face **62** represents Mead Papers, Inc., as will be found in the alphabetical listing of company names. This company is the source of supply. The light face 3F refers to the kind of paper produced under the Challenge Trade Name. By referring to the *Key for Paper and Printing Stock Index,* we find this is a Bristol paper.

KEY FOR PAPER AND PRINTING STOCK INDEX

3A	Binders Board	3L	Cover	3BB	Mimeograph	3JJ	Pressure Sensitive
3B	Blanks	3HH	Duplicator	3P	Newsprint	3U	Rotogravure
3C	Blotting	3AA	Envelope	3Q	Offset	3V	Specialty
3D	Bond and Ledger	3M	Gummed	3LL	Onion Skin	3W	Stereotype
3E	Book	3Z	Kraft	3R	Parchment	3X	Tag
3F	Bristol	3FF	Mailing	3G	Plastic	3KK	Tape (Pressure sensitive)
3H	Acetate	3GG	Manifold	3CC	Plastic Coated		
3J	Coated Board	3N	Manila	3S	Postcard	3EE	Tissue
3K	Coated Paper	3DD	Metallic or Foil	3T	Press Board	3Y	Tympan

COMPANY NAMES WITH KEYS FOR PAPER AND PRINTING STOCK

A

1—Aetna Paper Co. Div., Howard Paper Mills, Inc., 115 Columbia St., Dayton, O.—3D, 3E, 3V, 3HH.

122—Aluminum Co. of America, 1501 Alcoa Bldg., Pittsburgh 19, Pa.—3DD.

120—American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich.—3KK.

4—American Writing Paper Corp., 10 Eagle-A Ave., Holyoke, Mass.—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3BB, 3GG.

5—Appleton Coated Paper Co., 1200 N. Meade St., Appleton, Wis.—3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3V, 3X, 3Z, 3DD.

B

10—Beveridge Paper Co., New Products Div., 705 W. Washington St., Indianapolis 4, Ind.—3B, 3F, 3J, 3V.

116—Brown, L. L. Paper Co., Commercial St., Adams, Mass.—3D, 3F, 3L, 3R, 3V, 3AA, 3GG.

11—Brown-Bridge Mills, Inc., E. Water St., Troy, O.—3M, 3V.

C

14—Cantine, Martin, Co., Saugerties, N. Y.—3K, 3Q, 3V.

18—Champion Paper & Fibre Co., The, 601 North B. St., Hamilton, O.—3D, 3E, 3F, 3K, 3L, 3Q, 3S, 3T, 3V, 3X, 3AA, 3BB.

19—Chemical Paper Mfg. Co., Jackson St., Holyoke, Mass.—3D, 3E, 3F, 3J, 3L, 3R, 3V, 3GG, 3LL.

22—Consolidated Water Power & Paper Co., Box 50, Wisconsin Rapids, Wis.—3E, 3K, 3L, 3Q, 3U, 3V, 3EE, 3GG.

121—Corkpak Company, Inc., 70 Argyle Ave., New Rochelle, N. Y.—3N, 3KK, 3W, 3Y.

24—Crocker, Burbank Papers, Inc., 545 Westminster St., Fitchburg, Mass.—3E, 3K, 3Q, 3U, 3V.

25—Crocker-McElwain Co., Div. Chemical Paper Mfg. Corp., Holyoke, Mass.—3D, 3E, 3F, 3G, 3V, 3R, 3Q.

26—Cromwell Paper Co., The, 4801 S. Whipple St., Chicago 32, Ill.; 1000 Nottingham Way, Trenton, N. J.—3Y.

124—Curtis Paper Co., Newark, Del.—3E, 3L, 3V.

D

31—Dayton Envelope Co., Div. Howard Paper Mills, Inc., 115 Columbia St., Dayton 7, O.—3AA.

27—Dennison Manufacturing Co., 300 Howard St., Framingham, Mass.—3M, 3X.

E

32—Ecusta Paper Div., Olin Mathieson Chemical Corp., Pisgah Forest, N. C.—3D, 3E, 3V, 3EE.

33—Esleeck Manufacturing Co., Canal St., Turners Falls, Mass.—3V, 3GG, 3LL.

F

47—Fasson Products, 250 Chester St., Painesville, O.—3JJ.

35—Fox River Paper Corp., 401 S. Appleton St., Appleton, Wis.—3D, 3E, 3F, 3V, 3LL.

36—Fraser Paper, Ltd., 420 Lexington Ave., New York 17, N. Y.—3D, 3K, 3Q, 3U, 3V, 3AA, 3BB, 3GG, 3HH.

G

38—Gilbert Paper Co., 330 Ahnaip St., Menasha, Wis.—3D, 3F, 3L, 3V.

H

42—Hammermill Paper Co., 1472 East Lake Road, Erie 6, Pa.—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3AA, 3BB, 3CC, 3HH.

46—Howard Paper Co. Div., Howard Paper Mills, Inc., Urbana, O.—3D, 3V, 3BB, 3HH.

I

48—International Paper Co., 220 E. 42nd St., New York 17, N. Y.—3D, 3E, 3F, 3N, 3P, 3Q, 3S, 3U, 3X, 3BB, 3GG, 3HH.

K

51—KVP Company, The, Kalamazoo, Mich.—3D, 3Q, 3R, 3GG.

53—Kimberly-Clark Corp., Neenah, Wis.—3D, 3E, 3F, 3G, 3K, 3L, 3Q, 3U, 3V, 3BB, 3HH, 3LL.

117—Kleen-Stik Products, Inc., 7300 W. Wilson Ave., Chicago, Ill.—3DD, 3JJ.

L

56—Link Paper Co., 45 Cedar Lane, Englewood, N. J.—3V.

57—Linton Bros. & Co., Inc., Box 460, Fitchburg, Mass.—3B, 3F, 3X.

58—Ludlow Papers, Inc., Fine Papers Div., Brookfield, Mass.—3M, 3DD.

M

60—Maxwell Paper Co. Div., Howard Paper Mills, Inc., Franklin, O.—3D, 3Q, 3V, 3BB, 3HH.

62—Mead Papers, Inc., 118 W. First St., Dayton 2, O.—3B, 3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3U, 3V, 3AA, 3BB, 3HH.

63—Miami Valley Coated Paper Co., Oxford Rd., Franklin, O.—3D, 3E, 3F, 3J, 3K, 3L, 3P, 3S, 3V, 3X, 3AA, 3CC, 3DD, 3HH.

65—Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.—3M, 3V.

68—Mitchell-Rand Insulation Co., 51 Murray St., New York, N. Y.—3Y.

70—Munising Paper Co., The, Div. Kimberly-Clark Corp., Munising, Mich.—3D, 3E, 3G, 3Q, 3V, 3BB, 3CC, 3HH.

N

71—Nashua Corporation, 44 Franklin St., Nashua, N. H.—3M, 3U, 3V, 3CC, 3DD, 3JJ, 3KK.

123—Nashua Package Sealing Div., Nashua Corporation, 44 Frank St., Nashua, N. H.—3M, 3DD.

73—Neenah Paper Co., Neenah, Wis.—3D, 3F, 3V, 3LL.

74—Nekoosa-Edwards Paper Co., Port Edwards, Wis.—3D, 3Q, 3V, 3BB, 3GG, 3HH.

72—New York & Pennsylvania Co., 425 Park Ave., New York 17, N. Y.—3D, 3E, 3K, 3Q, 3U, 3AA, 3BB, 3HH.

75—Northwest Paper Co., Cloquet, Minn.—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3AA, 3BB, 3HH.

P

77—Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.—3M, 3V, 3DD, 3FF.

78—Parker, Joseph, & Son Co., Inc., 1155 Whalley Ave., New Haven 15, Conn.—3C.

80—Paterson Parchment Paper Co., Bristol, Pa.—3R, 3V, 3Y.

118—Paterson Pacific Parchment Co., 1400 Kifer Rd., Sunnyvale, Calif.—3R, 3V.

84—Port Huron Sulphite & Paper Co., Washington Ave., Port Huron, Mich.—3D, 3V, 3EE, 3GG.

85—Price Brothers & Co., Ltd., Quebec City, Quebec, Canada—3P.

R

89—Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.—3F, 3J, 3K, 3L, 3T, 3V, 3X, 3Y, 3Z, 3AA, 3CC.

S

94—Strathmore Paper Co., Front St., West Springfield, Mass.—3D, 3E, 3F, 3L, 3Q, 3R, 3V.

T

95—Tileston & Hollingsworth, 211 Congress St., Boston 10, Mass.—3D, 3E, 3F, 3L, 3Q, 3BB.

96—Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill.—3G.

V

99—Valley Paper Co., Holyoke, Mass.—3D, 3V, 3LL.

W

100—Warren, S. D., Co., 89 Broad St., Boston, Mass. Central Mill, 2400 Lake Shore Dr., Muskegon, Mich.—3E, 3J, 3K, 3L, 3Q, 3S, 3V.

101—Watervliet Paper Co., Watervliet, Mich.—3E, 3K, 3Q, 3V.

102—Western States Envelope Co., 1616 W. Pierce St., Milwaukee 46, Wis.—3AA.

104—West Virginia Pulp and Paper Co., 230 Park Ave., New York 17, N. Y.—3D, 3E, 3F, 3J, 3K, 3L, 3Q, 3S, 3T, 3U, 3V, 3X, 3Z, 3AA, 3BB, 3HH.

105—Wheelwright Div., Mead Papers, Inc., Leominster, Mass.—3B, 3F, 3L.

107—Whiting - Plover Paper Co., Stevens Point, Wis.—3D, 3L, 3R, 3V, 3LL.

PAPER TRADE NAME INDEX

A

4—Acceptance—3D, 3F.
57—Accountants—3F.
48—Adirondack—3D.
116—Advance—3D.
4—Agawam—3D, 3F, 3V.
27—Air Conditioned—3M.
122—ALCOA—3DD.
94—Alexandra—3E, 3D, 3L.
94—Alexis—3V.
38—Allegro—3V.
18—All Purpose—3K.
11—Amity—3M.
35—Anniversary—3D, 3V.
5—Apco—3F, 3L.
5—Appleton—3F, 3J, 3K, 3X.
24—Arabesque Opaque—3E, 3Q.
107—Artesian—3D.
62—Apollo—3F.
74—Ardor—3D, 3BB, 3GG, 3HH.
18—Ariel—3D, 3L.
102—Arrowhead—3AA.
24—Art Gloss—3K.
24—Art Mat—3K.
94—Art Parchment—3R.
14—AshoKan—3K
104—Asphalting—3Z.
95—Athena—3E.
38—Avalanche—3D.

B

11—B-B Brand—3V.
104—Bag Kraft—3Z.
35—Bank Posting—3D.
19—Bantam—3GG, 3LL.
35—Battleship—3D.
94—Bay Path—3D.
94—Beau Brilliant—3E, 3L
48—Beeswing—3GG.
62—Black & White—3E, 3K, 3L.
24—Blanca—3K.
104—Blendext—3E, 3K.
94—Blue Print—3V.
105—B. P. F.—3E, 3S.
19—Brewster—3E.
25—Brewster Vellum—3V.
63—Brilliantone—3K, 3Q.
104—Brite-Pak—3J, 3CC.
95—Bulking—3E, 3Q.

C

18—Campaign—3S.
14—Cantine's Dull Offset—3Q.
18—Canton—3F, 3S.
78—Capitol—3C.
75—Carlton—3D, 3AA, 3BB.
102—Carrara—3AA.
101—Cascade—3E, 3Q.
104—Case Board—3T.
82—Cashiers Safety—3V.
53—Caslon—3D.
14—Catskill Litho CIS—3Q.
14—Catskill Offset—3Q.
19—Certificate — 3D, 3F, 3LL.
25—Certificate—3D, 3F, 3G.
89—Certifine—3Y.
94—Cerulean—3F.
18—Chalice Opaque — 3E, 3Q.
62—Challenge—3F.
18—Chamfico Colored — 3AA.
18—Champion—3T.
18—Champion Kromekote—3L.
24—Chancel—3E.
24—Chapel—3E.
94—Charcoal—3V.
75—Chatham—3K.
19—Chemco—3F.
19—Chemopake—3GG.
4—Chester—3F.
53—Chieftain—3D.
73—Chieftain—3D.
94—Chroma—3E, 3L.
95—City—3E.
102—Clarity—3AA.
33—Clearcopy—3LL.
104—Clear Spring—3D, 3E, 3F, 3N, 3Q, 3S, 3U, 3V, 3X, 3AA, 3BB, 3HH.
1—Clearmaster—3V.
24—Cloister—3E.
42—Cockletone—3D, 3AA.
107—Cold Springs—3D.
102—Collection—3AA.
95—Collectors'—3E.
124—Colophon—3E, 3L.
18—Colorcast—3V.
78—Commercial—3C.
73—Conference—3D.
22—Consolidated Gloss—3K.
22—Consolith Gloss—3K, 3Q.
22—Consolith Opaque—3K, 3Q.
22—Consoweb—3K, 3U.
4—Contract—3D.
18—Cordwain Embossed—3L.
121—Corkpak—3N, 3W, 3Y, 3KK.
1—Correct—3D.
4—Coupon—3D, 3V.
94—Courier—3E, 3L.
53—Crandon—3E, 3K.
24—Crobank—3E, 3Q, 3U.
35—Credit—3D.
24—Crocker—3Q.
26—Cromwell—3Y.
73—Crystallite—3D.
89—Crystallon—3L.
100—Cumberland Dull—3K, 3S.
100—Cumberland Gloss—3F, 3K, 3L.
5—Currency—3L, 3DD.
124—Curtis Antique—3E, 3L.
124—Curtis Rag—3E, 3L.

D

78—Damask—3C.
38—Dauntless—3D, 3F.
19—Daily Sales—3F, 3GG.
71—Davac—3M.
62—De & Se Tints—3E, 3L, 3Q.
24—Decofold—3K.
42—Deeplake—3F, 3Q, 3S.
5—Deerbrook—3L.
24—De Jonge Litho—C1S, 3Q.
42—DeLuxe—3L.
4—Delta—3GG.
27—Dennison—3M.
104—Densite—3T.
102—Derby—3AA.
25—De Vinne Smooth—3Q.
35—Dictation—3D, 3V.
62—Dilcol—3F, 3K, 3L.
5—Direct Sales—3D.
1—Discovery—3D.
57—Document—3F.
95—Dorchester—3E.
94—Double Deckle—3E, 3L.
94—Drawing Board—3V.
38—Dreadnaught—3D, 3F, 3R.
89—Drumhead—3Y.
42—Duchrome—3L.
5—Dullcrome Duplex—3K.
18—Dullofold—3K.
102—Duplex Blue Inside—3AA.
63—Duplikote—3D.
104—Dura-Corr—3Z
42—Dura-Glo—3L.
63—Duralite—3L.
57—Duratag—3X.

E

4—Eagle-A — 3D, 3E, 3F, 3L, 3Q, 3R, 3S, 3V, 3BB.
100—"1854"—3E.
104—Electrite—3T.
24—Elseca—3E.
33—Emco—3V.
48—Empire—3E.
5—Empress—3K, 3Q.
53—Energy—3D, 3CC.
35—English—3D.
62—Escanaba Enamel—3E, 3K.
116—Escort—3F.
62—Executive Enameled — 3C.

F

94—Fairfield—3F.
95—Fairmount—3Q.
18—Falcon—3K.
47—FasCal—3JJ.
47—Fasson—3JJ.
95—Fenway—3Q.
62—Fiberfold—3F.
33—Fidelity—3LL.
94—Fiesta—3E, 3L.
100—Fineleaf—3V.
22—Flash Gloss—3K, 3U.
11—Flat-as-a-pancake—3M.
62—Flat White—3E.
95—Flemish—3E.
62—Flora—3C.
101—Foldette—3K.
18—Foldur—3Z 3AA.
53—Fontana—3K, 3Q.
18—Format—3K.
22—Fortune Gloss—3K, 3Q.
22—Fortune Opaque — 3K, 3Q.
116—Forward—3D.
100—Fotolith—3K.
35—Fox River—3D, 3V.
102—Franklin Clasp—3AA.
36—Fra-Opaque—3D.

G

94—Gabardine—3V.
18—Garamond—3E.
38—Gilbert—3D, 3F, 3L, 3R, 3V.
38—Gilbert Opaque—3D.
38—Gilbert Safety—3D.
38—Gilbert Superase—3D.
73—Glacier—3D.
62—Glacier—3K.
89—Glen—3X.
89—Glenwhite—3X.
101—Glossette—3K.
101—Gloss Ink—3K.
102—Glow-Tone—3AA.
11—Gluprint—3M.
25—Gold Star—3D, 3F.
19—Gold Star — 3D, 3F, 3LL.
18—Gray—3Z, 3AA.
65—Green Core—3M.
116—Greylock—3D.
36—Groundwood—3U.
19—Guardian—3D, 3F.
19—Guide Stock—3F.
27—Gum-Print—3M.

H

42—Hammermill—3D, 3E, 3F, 3L, 3Q, 3S, 3V, 3AA, 3BB, 3CC, 3HH.
35—Herald—3D.
24—Herculite Enamel — 3K, 3L.
24—Herculite Offset Enamel —3K, 3L, 3Q.
24—Hermes—3E, 3U.
14—Hi-Arts C2S—3K.
53—Hifect—3E, 3K.
62—Highlight—3L.
46—Howard—3D, 3BB.
48—Hudson—3E.
84—Huron—3D.
95—Hyde Park—3Q.
62—Hyplate—3F.

I

94—Illustration—3V.
71—Imac—3V.
18—Imitation—3T.
62—Imperial—3E.
94—Impress—3E, 3L, 3Q.
22—Insert Gloss—3K.
19—International—3L.
48—International—3Q, 3BB, 3HH.
19—Interwoven—3L.
18—Inventory—3F.
62—Ionic—3B.
26—Ironsides—3Y.
19—Item—3GG.
71—Itstix—3M.

J

89—Jersey—3F.
74—John Edwards—3D.
89—Jute—3X.

K

53—Kimfect—3K.
117—Kleen-Stik—3JJ.
75—Klo-Kay—3E.
104—Kraftsman—3M, 3Z.
18—Kromekote—3L, 3S.
51—KVP—3Q, 3R, 3GG.

L

116—L. L. Brown's—3D.
38—Lancaster—3D.
89—Leatheret—3L.
63—Leatheroid—3L.
62—Leatheright—3L.
24—Levelith—3Q.
24—Levelprint—3E.
18—Lexicon—3E.
22—Life Enamel—3K.
38—Lifetime—3GG.
51—Limited—3D.
57—Line-Tone—3F.
74—Liquotype—3D.
53—Lithofect—3K, 3Q.
14—Lithogloss CIS—3Q.
63—Lithokote—3D.
63—Lithotints—3Q.
78—Lithotone—3C.
53—Lithoweb—3Q.
105—Longlife—3F.
48—Louisiana—3X.
53—Lumifect—3K.
100—Luster Card—3J.
100—Luster Hide—3K.
100—LusterKote — 3F, 3K, 3L.
100—Lustro Dull—3K.
100—Lustro Gloss—3K, 3L.

M

62—Made (w) right—3F.
62—Maderite—3D.
102—Mail Pouch—3AA.
42—Management—3D, 3AA.
63—Mask-O-Lith—3V.
5—Masterfold—3K.
35—Masterline—3D.
1—Maxopaque—3E.
60—Maxwell—3D, 3Q, 3BB.
14—M C Folding—3K.
62—Mead—3D, 3E, 3K, 3L, 3Q, 3AA, 3BB, 3HH.
5—Mellochrome—3S.
11—Met-L-Stik—3M.
58—MJ—3M, 3DD.
63—Miamitints—3K.
65—Mid-States—3M.
107—Mileage—3D.
102—Milk Bottle—3AA.
74—Mirra—3D.
22—Modern Gloss—3K
22—Modernroto—3K, 3U.
62—Moistrite—3D, 3E, 3Q, 3BB, 3HH.
75—Mountie—3E, 3Q, 3AA.
5—Multicopy—3D, 3F.
94—Multicopy—3D.
53—Multifect—3E, 3K.
27—Multykolor—3K.
53—Munising—3D.
70—Munising Bond—3D.
70—Munising Opaque—3D.
19—Myriad—3GG.

N

35—National Bank—3D, 3V.
33—Navajo—3L.
18—Ne'er Tear—3N, 3AA.
53—Neenah—3D, 3F, 3LL, 3V.
73—Neenah—3D, 3F, 3V.
73—Neenah Onion Skin—3LL.
73—Neenah Eraseable Bond and Onion Skin—3D.
73—Neenah Speedmaster Translucent—3D.
74—Nekoosa—3D, 3Q, 3BB, 3GG, 3HH.
74—Nekoos-O-Pake—3D, 3Q, 3BB, 3GG, 3HH.
35—New Era—3D.
27—Non-Blocking—3M.
75—Nortex—3AA.
62—Northland—3E, 3L, 3Q.
62—Northlite—3E, 3Q, 3BB, 3HH.
75—Northwest—3D, 3E, 3F, 3L, 3Q, 3S, 3AA, 3BB, 3HH.
75—North Star—3Q.
95—Norwood—3Q.

O

100—Offset—3F, 3K, 3L.
35—Old Badger—3D.
73—Old Council Tree—3D, 3LL.
38—Old Ironsides—3D.
62—Old Ivory—3K.
94—Old Stratford—3E.
100—Olde Style—3E.
62—Olympic—3F.
71—On The Level — 3M, 3DD.
94—Onion Skin—3D.
48—Otis—3F.
1—Ovation—3D.
100—Overprint Label C1S—3K.

P

5—Palisade—3L, 3Q.
22—Panorama—3K, 3Q.
53—Paragon—3D, 3CC.
63—Paralin—3V.
80—Parchkin—3R.
94—Parchment—3D.
18—Pasadena—3Q.
94—Pastelle—3E, 3L.
80—Patapar—3R.
94—Patent Office Board—3V.
62—Pebblette—3L.
77—Perfection—3M.
5—Permakolor—3K.
107—Permanized Artesian—3D.
107—Permanized Cold Springs—3D, 3LL.
107—Permanized Onion Skin—3LL.
107—Permanized Parchment—3R.
107—Permanized Plover—3D, 3L, 3LL.
71—Pervenac—3V.
22—Pictoroto Gloss—3U.
104—Piedmont—3K.
65—Pilot—3V.
102—Pine Tree—3AA.
104—Pinnacle—3D, 3E, 3Q.
65—Pioneer—3V.
102—Plasticleer—3AA.
107—Plover—3V.
5—Polychrome—3K.
94—Porcelain—3F.
62—Potomac—3L.
53—Prentice—3K, 3L, 3Q.
104—Pressite—3T.
62—Printflex—3K, 3E, 3L, 3Q.
100—Printone—3E.
100—Printone Litho Plate—3Q.
62—Process Plate—3E, 3K.
22—Production Gloss—3K.
22—Productolith—3K, 3Q.
22—Productoroto—3K, 3U.
102—Professional Men's Statement—3AA.
65—Promset—3V.
11—Prosper—3M.
51—Prosperity—3Q.
19—Public Service—3D.
25—Public Service—3D.
73—Putnam—3D.

Q

4—Quality—3D, 3E, 3F, 3L, 3V, 3BB, 3GG.
57—Queen—3F.

R

51—Ra-Silk—3GG.
38—Radiance—3D.
18—Radiant—3AA.
35—Raglette—3V.
104—Rawhide—3T.
104—RC Board—3T.
65—Really Flat—3M.
18—Refold—3K, 3L, 3Q.
94—Replica—3D.
116—Resistall—3D, 3F.
53—Resolute—3F.
73—Resolute—3D, 3F.
38—Resource—3D.
94—Rhododendron—3L, 3V.
62—Richfold—3E, 3K.
62—Richgloss—3E, 3K, 3Q.
35—Right of Way—3D.
57—Rollstone—3F.
102—Roptex—3AA.
53—Rotofect—3K.
102—Round Trip—3AA.

S

18—Satin Proof—3K.
24—Saturn Wove—3E.
24—Saturn Wove and Laid—3E.
94—Saxon—3F.
18—Scriptic—3D, 3BB.
100—Sebago Label CIS—3K.
102—Service Air Mail—3AA.
124—Shalimar—3E, 3L.
19—Sheerleaf—3LL.
53—Shorewood—3K, 3Q.
100—Silkote—3Q.
94—Silverflake—3E, 3L.
19—Sky Wove—3L.
19—Sno-Parch—3R.
25—Sno-Parch—3R.
36—Snowland—3D, 3Q, 3V, 3BB, 3GG, 3HH.
14—Softone—3K.
62—Spartan—3F.
24—Special Litho C1S—3K.
62—Spotlight—3L.
102—Spot-Lite—3AA.
48—Springhill—3F, 3N, 3S, 3X.
11—Stellar—3M.
104—Sterling — 3E, 3J, 3K, 3L, 3Q, 3U.
124—Stoneridge—3E, 3L.
73—Stonewall—3D.
94—Strathlucent—3F.
94—Strathmore—3D, 3E, 3L, 3V.
101—Streamline—3Q.
62—Strongheart—3F.
53—Success—3D, 3LL.
73—Success—3D, 3V.
62—Suede—3E.
95—Sumner—3E.
18—Sun-Tan—3Z, 3AA.
72—Super—3E.
102—Superba—3AA.
62—Superfine—3F.
33—Superior—3GG.
103—Superior—3L.
104—Superliner—3Z.
5—Supertuff—3L.

T

95—T&H—3E.
18—Templar—3K, 3Q.
24—Tenor—3K, 3Q.
24—Tenor Gloss—3E.
53—Texoprint—3G.
70—Texoprint—3G.
57—Thinplate—3F.
100—Thintext—3E.
100—Thinweave—3E.
94—Thistlemark—3D.
11—Thrifty—3M.
48—Ticonderoga — 3E, 3L, 3Q.
95—Tiho—3D.
57—Time Card—3F.
78—Treasury—3C.
89—Treated Jute—3Y.
4—Trojan—3D, 3V.
19—Tru-Brite—3R.
95—Tru-Colour—3E, 3L.
53—Trufect—3E, 3K.
53—Tudor—3D.
73—Tudor—3D.
18—Tuf Tear—3X.
5—Tuffbristol—3L.
89—Tufwite—3Q, 3X.
89—Tug-Tag—3X.
124—Tweedweave—3E, 3L.
89—20th Century—3F.
102—Two-In-One Combination—3AA.
4—Type-Erase—3D, 3V.

U

22—Union—3E, 3K.

V

104—Vac-Cup-Bac—3Q, 3V.
35—Valid—3D, 3V.
5—Varnish—3K.
101—Varnoset CIS—3K, 3Q
102—Velpine—3AA.
14—Velvetone—3K.
11—Velvety—3M.
104—Velvo—3E, 3K.
35—Venetian—3D.
33—Verilite—3V.

W

57—Wachusett—3B.
35—Wall Street—3D.
100—Water Resisting — 3E, 3K.
57—Waterfalls—3D, 3E, 3L, 3Q.
104—Weather-Tite Dura-Corr—3Z.
104—Weather-Tite Liner—3Z.
18—Wedgwood—3K, 3Q.
102—Wesco Printed Inside—3AA.
100—Westbrook—3K.
102—Western—3AA.
102—Western Clasp—3AA.
102—Western States—3AA.
104—West Virginia—3D, 3E, 3F, 3J, 3K, 3L, 3N, 3M, 3Q, 3S, 3T, 3V, 3X, 3Z, 3AA, 3BB, 3HH, 3CC.
104—Westvaco—3D, 3E, 3F, 3J, 3K, 3L, 3M, 3N, 3Q, 3S, 3T, 3V, 3X, 3AA, 3BB, 3CC.
62—Wheelwright—3F.
42—Whippet — 3D, 3BB, 3HH.
57—Whitag—3X.
38—White Cloud—3V.
48—Winn—3E.
73—Wisdom—3D.
95—WoCoat—3V.
5—Woodbine Colored—3K.
5—Woodbine Cover—3L.
5—Woodbine Duplex—3K.
62—Wood Grain—3L.
60—Workwell—3D, 3BB.
94—Woronoco Tints—3V.
46—Wytek—3D.

X Z

14—Zena—3K.
14—Zenagloss Offset—3Q.
54—Zenith—3Q.

***Printing Production* Filing System**

4 — Paper Cutting and Processing Index

HOW TO USE THIS INDEX—This Paper Cutting and Processing Index is comprised of two parts. Immediatly below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR PAPER CUTTING AND PROCESSING INDEX

4A Card Cutters, Rotary
4B Envelope Making Machines
4H Gauges and Testing Instruments
- 4H4 Bursting
- 4H2 Ink Penetration
- 4H1 Micrometers
- 4H6 Moisture
- 4H5 Opacity
- 4H3 Tearing
- 4H7 Thickness

Jogging Machines—See Pressroom 5Z
4L Hoists and Cranes
4E Laminating Machines
4J Paper Coloring Machines
4C Paper Conditioning Equipment
4G Paper Conveying Equipment
4F Paper Cutters and Trimmers
- 4F11 Angle Cutting Gauge
- 4F1 Automatic
- 4F2 Cutting Sticks
- 4F7 Grinding Wheels
- 4F3 Hand
- 4F10 Hold Down Clamp
- 4F5 Knife Grinding
- 4F4 Knives
- 4F6 Power
- 4F8 Rotary Cutters
- 4F9 Safety Guards

4D Paper Handling Trucks
- 4D8 Bindery
- 4D1 Elevating
- 4D6 Hand
- 4D2 Lift
- 4D3 Paper Roll
- 4D4 Paper Stock
- 4D7 Skid Lift
- 4D5 Skids or Platforms

Round Corner Cutters See Bindery 6U
4K Sheeters

PAPER CUTTING AND PROCESSING MAIN AND CROSS-INDEX

(Key for this Index on Preceding Page 169)

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

AIR CONDITIONING
See Air Conditioning Equipment and Supplies 8A.

AUTOMATIC CUTTERS
See under Paper Cutters and Trimmers 4F.

B

BALING PRESSES
See Waste Paper Balers 8L.

C

CARD CUTTERS, ROTARY 4A

CELLULOSE LAMINATING MACHINES
See Laminating Machines 4E.

CONDITIONING EQUIPMENT FOR PAPERS
See Paper Conditioning Equipment 4C.

CONTINUOUS TRIMMERS
See Bindery 6F.

CUTTERS, PAPER
See Paper Cutters and Trimmers 4F.

CUTTERS, ROUND CORNER
See Bindery 6U.

CUTTING STICKS
See under Paper Cutters and Trimmers 4F.

D

DIE CUTTING PRESSES
See Pressroom 5M.

DECKLING, PEBBLING AND ROUGHING MACHINES
See Bindery 6OO.

DRILLING AND DRILL SLOTTING MACHINES
See Bindery 6H.

E

ELEVATING TRUCKS
See under Paper Handling Trucks 4D.

ENVELOPE MAKING MACHINES 4B
Smithe, F. L., Machine Co., Inc., 645 W. 44th St., New York 36, N. Y.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St Paul 14, Minn.

F

FEATHER EDGING MACHINES
See under Deckling, Pebbling and Roughing Machines 6OO.

FORMERS, ENVELOPE
See under Envelope Making Machines 4B.

G

GAUGES AND TESTING INSTRUMENTS 4H
4H4 Bursting.
4H2 Ink Penetration.
4H1 Micrometers.
4H6 Moisture.
4H5 Opacity.
4H3 Tearing.
4H7 Thickness.

Alico, Incorporated, Montague, Mass.—4H7.
Amthor Testing Instrument Co., Inc., 45 Van Sinderen Ave., Brooklyn 7, N. Y.—4H3, 4H4, 4H7.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y. —4H5.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—4H6.
Cady, E. J., & Co., 630 N. Harlem Ave., River Forest, Ill.—4H1, 4H4.
Cambridge Instrument Co., Inc., 3546 Grand Central Terminal, New York 17, N. Y.—4H6.
Hart Moisture Gauges, Inc., 126 Liberty St., New York 6, N. Y. —4H6.
Minden Paper Gauge Co., Inc., 230 W. 41st St., New York 36, N. Y.—4H1, 4H4, 4H7.
Perkins, B. F., & Son Inc., P.O. Box 388, Holyoke, Mass.—4H4.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—4H1.
Starrett, L. S., Co., Crescent St., Athol, Mass.—4H1, 4H7.
Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y. —4H1, 4H2, 4H3, 4H4.
Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—4H6.

GRINDING MACHINES FOR PAPER CUTTER KNIVES
See under Paper Cutters and Trimmers 4F.

H

HAND PAPER CUTTERS
See under Paper Cutters and Trimmers 4F.

HOISTS AND CRANES 4L
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.
Manning, Maxwell & Moore, Inc., Shaw-Box Crane & Hoist Div., W. Broadway, Muskegon, Mich.

J

JOGGING MACHINES
See Pressroom 5Z.

K

KNIFE GRINDING MACHINES FOR PAPER CUTTERS
See under Paper Cutters and Trimmers 4F.

KNIVES FOR PAPER CUTTERS
See under Paper Cutters and Trimmers 4F.

L

LAMINATING MACHINES 4E
Cameron Machine Co., Dover, N. J.
Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.
Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
Waldron, John, Corp., River Rd., New Brunswick, N. J.

LIFT TRUCKS
See under Paper Handling Trucks 4D.

N

NEWSPRINT ROLL TRUCKS
See under Paper Handling Trucks 4D.

P

PAGING AND NUMBERING MACHINES
See Bindery 6P.

PAPER COLORING MACHINES 4J
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.
Modern Engraving & Machine Co., 1413 Chestnut Ave., Hillside, N. J.—Applicator rolls.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.

PAPER CONDITIONING EQUIPMENT 4C
Also see Air Conditioning 8A.
Acme Gear & Machine Co., Seventh and Wood Sts., Philadelphia 6, Pa.
○Bahnson Company, The, 1001 S. Marshall St., Winston-Salem, N. C.
Carrier Corporation, 300 S. Geddes St., Syracuse 1, N. Y.
Murray, D. J., Manufacturing Co., 1002 Third St., Wausau, Wis.
Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.
Parks-Cramer Co., Newport St., Fitchburg, Mass.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
York Corporation, Roosevelt Ave., York, Pa.

PAPER CONVEYING EQUIPMENT 4G
○Jampol Co., Inc., The, 728—61st St., Brooklyn 20, N. Y.
○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
○Wiretyer Corporation, 65 Lellarts Lane, East Paterson, N. J.

PAPER CUTTERS AND TRIMMERS 4F
4F11 Angle Cutting Gauge.
4F1 Automatic.
4F2 Cutting Sticks.
4F7 Grinding Wheels.
4F3 Hand.
4F10 Hold Down Clamps.
4F4 Knives.
4F5 Knife Grinding.
4F6 Power.
4F8 Rotary Cutters.
4F9 Safety Guards.

○American Type Founders, Inc. 200 Elmora Ave., Elizabeth, N. J.—4F1, 4F2, 4F3, 4F4, 4F6.
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—4F1.
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.—4F8, 4F11.
Brackett Stripping Machine Co., The, 505 Jackson St., Topeka, Kan.—4F1.
○Challenge Machinery Co., The, First St., Grand Haven, Mich. —4F1, 4F3, 4F4, 4F6, 4F9.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O. —4F1, 4F3, 4F4, 4F6.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo. —4F2, 4F4.
Coes Knife Co., 72 Coes St., Worcester 3, Mass.—4F4.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—4F2, 4F4.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—4F1, 4F6, 4F8.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.—4F1.
Dietz Machine Works, 126 W. Fontain St., Philadelphia 22, Pa.—4F8.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—4F8.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.—4F4.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.—4F11.
Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.—4F2, 4F3.
Fate-Root-Heath Co., Grinder Div., 234 High St., Plymouth, O.—4F5.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—4F1.
Gardner Adjustable Quad Guide Co., 389 Northumberland Ave., Redwood City, Calif.—4F10.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—4F1, 4F2, 4F4, 4F6.
Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.—4F8.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.—4F5.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.—4F3.
○Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.—4F2.
Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—4F2.
Kellett Company, 640 S. Miller St., Chicago 7, Ill.—4F2, 4F4, 4F5.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.—4F1, 4F2, 4F3, 4F4, 4F6, 4F9, 4F10, 4F11.
Michael Lith, Inc., 145 W. 45th St., New York 36, N. Y.
Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.—4F3, 4F6.
Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.
Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O.—4F4.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—4F8.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—4F8.
Ralya Saw Corp., 109 W. 2nd St., Cincinnati 2, O.—4F2, 4F4.
Rogers, Samuel C., & Co., Inc., 2070 Sheridan Dr., Buffalo 23, N. Y.—4F5, 4F7.
S & W Machine Co., 26 Vine St., Cincinnati 2, O.
Saw & Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O. —4F4, 4F5.

Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill.—4F2, 4F4.
○**Sheridan, T. W. & C. B., Co.,** 220 Church St., New York 13, N. Y.—4F.
Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.—4F4.
Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.—4F4.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me. Automatic skid lifting and lowering device.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—4F8.
Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.—4F8.
Thompson Cabinet Co., Lake St., Ludington, Mich.—4F2.
Tolerton Company, 265 N. Freedom St., Alliance, O.—4F2.
Wapakoneta Machine Co., E. North St., Wapakoneta, O.—4F4.

PAPER DRILLING AND SLOTTING MACHINES
See Bindery 6H.

PAPER HANDLING TRUCKS 4D
4D8 Bindery.
4D1 Elevating.
4D6 Hand.
4D2 Lift.
4D3 Paper Roll.
4D4 Paper Stock.
4D7 Skid Lift.
4D5 Skids or Platforms.
○**Abrams, The M. L., Co.,** 1841 Prospect Ave., Cleveland 15, O.—4D6.
○**American Type Founders, Inc.,** 200 Elmora Ave., Elizabeth, N. J.—4D4.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—4D4.
Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O.—4D1, 4D5, 4D7.
Barrett-Cravens Co., 630 Dundee Rd., Northbrook, Ill.—4D2, 4D3, 4D4, 4D5, 4D6.
Clark Equipment Co., Industrial Truck Div., 24th St., Battle Creek 151, Mich.—4D1, 4D3, 4D4
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.—4D1, 4D2, 4D3, 4D4, 4D5.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—4D3, 4D4.
Economy Engineering Co., 4511 W. **Lake St., Chicago 24, Ill.—4D1,** 4D3, 4D4.
Elwell-Parker Electric Co., 4547 **St. Clair Ave., Cleveland 3, O.**—4D1, 4D2, 4D3, 4D4, 4D5.
Equipto, 401 S. Highland, Aurora, Ill.—4D4, 4D6.
Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y.—4D3, 4D4, 4D6.
Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa.—4D4, 4D6.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Gifford-Wood Co., One Hudson Ave., Hudson, N. Y.—4D1, 4D2, 4D3, 4D4, 4D5.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—4D1.
Hyster Company, P.O. Box 4318, Portland 8, Ore.—4D2, 4D3, 4D4, 4D5, 4D7.
○Jampol Company, Inc., The, 728—61st St., Brooklyn 20, N. Y.—4D1.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.—4D1, 4D2, 4D3, 4D4, 4D5, 4D7.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.—4D7.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—4D1, 4D2, 4D4, 4D5, 4D6, 4D7.
Lift Trucks, Inc., 2425 Spring Grove Ave., Cincinnati 14, O.—4D1, 4D2, 4D4, 4D5, 4D6, 4D7.
Mercury Manufacturing Co., 4710 W. Division St., Chicago, Ill.—4D2, 4D6.
National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.—4D5, 4D6.
Norman, William A., 1133 E. 63rd St., Chicago 37, Ill.—4D3
Raymond Corporation, The, 160 **Madison Ave., Greene, N. Y.**—4D1, 4D2, 4D3, 4D4.
Revolvator Company, 2096—86th St., North Bergen, N. J.—4D1, 4D2, 4D4, 4D5, 4D6, 4D7.
○Rosback, F. P., Co., 5th and Park Sts., Benton Harbor, Mich.—4D8.
Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.—4D1, 4D2, 4D3, 4D4.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.—4D7.
Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, O.—4D4.
Thompson Cabinet Co., Lake St., Ludington, Mich.—4D4.
Towmotor Corporation, 1224 E. **152nd St., Cleveland 10, O.**—4D1, 4D2, 4D3.
Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo.—4D7.
Yale & Towne Mfg. Co., 11000 Roosevelt Blvd., Philadelphia 15, Pa.—4D1, 4D2, 4D3, 4D5, 4D6, 4D7.
Young, Paul O., Co., Line Lexington, Pa.—4D5, 4D6.

PAPER STOCK TRUCKS
See under Paper Handling Trucks 4D.

PERFORATING MACHINES
See Bindery 6R.

PERFORATING, PUNCHING AND ROUND CORNERING MACHINES
See Bindery 6S.

PLATFORMS FOR PAPER
See under Paper Handling Trucks 4D.

POWER PAPER CUTTERS
See under Paper Cutters and Trimmers 4F.

PRESSES, DIE CUTTING
See Pressroom 5M.

PRESSES FOR BALING
See Waste Paper Balers 8L.

PUNCHING MACHINES
See Bindery 6S.

R

REWINDING MACHINES
See Pressroom 5RR.
See Bindery 6Z.

ROTARY PERFORATING MACHINES
See Bindery 6R.

ROUND CORNER CUTTERS
See Bindery 6U.

S

SAFETY GUARDS
See Paper Cutters and Trimmers 4F.

SHEETERS 4K
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.

SKIDS FOR PAPER
See under Paper Handling Trucks 4D.

SLITTING AND REWINDING MACHINES
See Pressroom 5RR.
See Bindery 6Z.

SLOTTING MACHINES
See Bindery 6H.

STICKS, CUTTING
See under Paper Cutters and Trimmers 4F.

STIPPLING MACHINES
See under Deckling, Pebbling and Roughing Machines 6OO.

T

TRIMMERS, AUTOMATIC
See Paper Cutters and Trimmers 4F.

TRIMMERS, CONTINUOUS
See Bindery 6F.

TRUCKS FOR HANDLING PAPER
See under Paper Handling Trucks 4D.

***Printing Production* Filing System**

5 — Pressroom Index

HOW TO USE THIS INDEX—This Pressroom Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR PRESSROOM INDEX

5A Adhesives
- 5A1 Makeready
- 5A2 Splicing
- 5A3 Tape Cement

5C Bearings

5D Belts, Belting and Tape

5E Brakes for Presses

5F Bronzing Machines

5G Cabinets, Racks and Chairs
- 5G1 Chairs
- 5G2 Drying Racks
- 5G3 Ink Cabinets
- 5G4 Makeready Tables
- 5G5 Roller Racks
- 5G6 Stools and Seats
- 5G7 Tool Cabinets

5H Chucks
- 5H1 Expansion
- 5H2 Non-Returnable Core

5DDD Color Curved Plate Register Machine

5K Color Matching Lamps

5J Conveyors for Magazines and Newspapers

5L Cylinder and Tympan Packing
- 5L1 Blankets
- 5L2 Draw Sheets
- 5L3 Tympan Paper
- 5L5 Tympan Paper Holders
- 5L4 Underpacking

5M Die Cutting Presses

5EEE Drives, Chain

5KK Drives, Variable Speed

5XX Edition Marker

5FFF Eliminators (Floating Powder and Ink Mist)

5N Embossing Equipment
- 5N1 Presses
- 5N2 Rolls

5O Envelope Making and Printing Machinery

5P Fans, Roller Cooling

5Q Feeding, Folding and Delivery
- 5Q1 Bronzer Feeders and Delivery
- 5Q2 Circular Letter Folders
- 5Q3 Cylinder Press Feeders
- 5Q4 Fanfolding Machines
- 5Q5 Folding machines
- 5Q6 Job Press Feeders
- 5Q7 Magazine Folders
- 5Q8 Newspaper Folders
- 5Q9 Roll Leaf Feeders

5Q10 Roll Paper Feeders
5Q11 Specialty Folders

5R Flying Pasters for Presses

5S Fountains and Accessories
5S1 Agitators
5S4 Blades
5S2 Dividers
5S3 Fountains, Ink
5S8 Fountains, Water
5S5 Newspaper Color (Portable)
5S7 Roller Trucks
5S6 Vibrators
5S9 Water Level Controls

5T Gauge Pins, Guides and Feeding Accessories

5U Gauges and Testing Instruments
5U26 Blanket Thickness Gauge
5U12 Color Fastness to Light Testing Machine
5U25 Color Matching
5U24 Color Printing Control
5U11 Contrastometer
5U28 Densitometer
5U17 Depthometer
5U1 Durometer
5U23 Impression
5U27 Ink Drying Timer
5U18 Inkometer
5U16 Moisture
5U2 Paper
5U3 Paper Strength and Thickness Gauges and Paper Sheet Scales
5U15 pH Slide Comparator
5U4 Plate
5U22 Plate Pre-register device
5U10 Press Test Blocks
5U5 Roller Setting
5U6 Scleroscope
5U14 Sheet Register
5U13 Slug
5U7 Stroboscope
5U20 Surface Pyrometer
5U8 Tachometer
5U9 Type High
5U21 Vibration Meter

5V Heaters and Neutralizers
5V4 Heated Air Blower
5V1 Heaters
5V2 Neutralizers
5V6 Ovens
5V3 Static Tinsel
5V5 Steam Drum
5V7 Water Spray

5W Inks (All Processes)
5W1 Bronze Powders
5W21 Cold Set
5W24 Collotype
5W12 Color Process
5W27 Compounds
5W32 Conditioners
5W16 Decalcomania
5W2 Driers
5W3 Dry Colors
5W4 Engravers
5W18 Flexographic
5W19 Fluorescent
5W15 Gloss
5W5 Gravure
5W22 Heat Set
5W6 Letterpress
5W25 Magic or Invisible
5W7 Metallic
5W23 Moisture Set (Precipitation)
5W31 News
5W8 Offset
5W26 Plastic
5W9 Plate Printing
5W10 Reducers
5W20 Rotary Press News
5W29 Silk Screen
5W28 Sizers
5W11 Specialty
5W30 Steel and Copper Plate
5W17 Transfer
5W13 Varnish
5W14 Water Color

5X Ink Mills and Mixers

5Y Jogger Boxes

5Z Jogging Machines

5AA Lubricating Equipment and Supplies

5BB Magnifiers and Reducers

5DD Makeready Systems

5CC Motors and Controls

5HH Numbering and Counting Devices
5HH1 Inserter, Tab or Ticket
5HH2 Numbering Machine, Rotary Presses
5HH3 Press Counters

5EE Offset Preventing Equipment
5EE3 Dry Powder Device
5EE1 Spray Guns—Liquid
5EE2 Spray Solutions
5EE4 Spray Scanner

5AAA Paper Cleaners

5GG Paper Reels and Tensions (for Newspaper and Magazine Presses)

5FF Perforating, Slitting and Scoring Attachments

5SS Pile Inverter

5LL Printing Presses
5LL1 Automatic
5LL2 Bag
5LL3 Imprinting
5LL4 Bottle Cap
5LL57 Business Forms
5LL5 Card
5LL6 Carton
5LL8 Check
5LL7 Color
5LL58 Container
5LL47 Continuous Form
5LL9 Cylinder
5LL56 Dry Offset
5LL10 Envelope
5LL11 Envelope Blank
5LL12 Fanfold
5LL59 File Card
5LL13 File Folder
5LL14 File Form
5LL15 Flat Bed
5LL46 Flexographic (Aniline)
5LL16 Form Letter
5LL17 Fruit Stamping
5LL18 Gravure (Sheet Fed)
5LL19 Hand
5LL20 Index Card
5LL21 Job
5LL22 Label
5LL23 Lithographic
5LL24 Magazine
5LL44 Makeready
5LL51 Match Book Cover
5LL48 Multiple Billing
5LL25 Newspaper
5LL60 Odd Shaped Objects
5LL26 Offset
5LL27 Pencil
5LL45 Photogelatin
5LL28 Platen
5LL29 Register Form
5LL30 Roll Feed
5LL31 Roll Form
5LL32 Rotary
5LL33 Rotogravure
5LL52 Rubber Plate
5LL34 Sales Book
5LL54 Screen Process
5LL35 Sheet Feed
5LL53 Shirt Band
5LL49 Snapout
5LL36 Specialty
5LL37 Tag
5LL38 Tape
5LL39 Ticket
5LL40 Tin and other metal plate
5LL55 Two-Process
5LL50 Typewriter Ribbon Attachment for Platen Presses
5LL41 Vertical
5LL42 Web
5LL43 Wrapper

5JJ Pumps (Air and Ink)

5MM Raised Letter Printing Machines and Powders
5MM1 Machines
5MM2 Supplies
5MM3 Textile Transfers

5NN Rollers
5NN8 Bearings
5NN1 Composition
5NN2 Covered
5NN3 Hand
5NN4 Offset
5NN5 Patent
5NN6 Rubber
5NN7 Synthetic Resin-Like

5GGG Roller Washes

5YY Roller Conditioning Devices

5CCC Rotary Press Cutters
5CCC1 Die Cutting Cylinders
5CCC2 Sheeters

5OO Rubber Roller Grinding Equipment

5QQ Safety Guards

5RR Slitting and Rewinding Equipment

5WW Supplies
5WW1 Rotary Press Knives
5WW2 Slitters

5TT Tools
5TT1 Ink Knives
5TT2 Makeready and Overlay Knives

5UU Trucks
5UU1 Newsprint
5UU2 Paper Roll
5UU3 Paper Tiering

5ZZ Washup Devices
5ZZ3 Fountain
5ZZ1 Letterpress
5ZZ2 Offset and Rotary

5BBB Web Controls
5BBB2 Feeding, Folding and Delivery
5BBB1 Press Register Control
5BBB3 Web Control Systems

5VV Wiping Cloths

PRESSROOM EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

O Indicates advertiser. See Advertisers' Index Pages B-C-D.

A

ACCESSORIES FOR FOUNTAINS
See under Fountains and Accessories 5S.

ADHESIVES 5A
5A1 Makeready.
5A2 Splicing.
5A3 Tape Cement.
O American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.—5A1, 5A2, 5A3.
O Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.—5A1, 5A2, 5A3.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.—5A1, 5A2, 5A3.
Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.—5A1, 5A2.
Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.
Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.—5A1.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.
Green's Paste Works, 200 Liverpool Rd., P.O. Box 7, Salina Sta., Syracuse 8, N. Y.
Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L.I., N. Y.
Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—Adhesive two side film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.—5A1, 5A2, 5A3.
National Adhesives Div., National Starch Products, Inc., 750 Third Ave., New York, N. Y.—5A1, 5A2.
Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.—5A3.
Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

AGITATORS FOR FOUNTAINS
See under Fountains and Accessories 5S.

AGITATORS, INK
See Fountains and Accessories 5S.

AIR AND INK PUMPS
See Pumps 5JJ.

AIR CONDITIONING
See Miscellaneous 8A.

ANILINE PRESSES
See under Printing Presses 5LL.

ANTI-OFFSET EQUIPMENT
See Offset Preventing Equipment 5EE.

ATTACHMENTS FOR PERFORATING, SLITTING AND SCORING
See Perforating, Slitting and Scoring 5FF.

AUTOMATIC PASTERS
See Flying Pasters 5R.

AUTOMATIC PRINTING PRESSES
See under Printing Presses 5LL.

B

BAG MAKING MACHINERY
See Miscellaneous 8C.

BAG PRINTING PRESSES
See under Printing Presses 5LL.

BALING MACHINES
See Waste Paper Balers 8L.

BANK NOTE PRINTING PRESSES
See under Printing Presses 5LL.

BEARINGS 5C
Alico, Incorporated, Montague, Mass.
O Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Norma-Hoffman Bearings Corp., Stamford, Conn.
SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 32, Pa.
Timken Roller Bearing Co., 1835 Dueber Ave., S. W., Canton 6, O.

BELTS, BELTING AND TAPE 5D
5D1 Belts and Belting.
5D5 Lacer.
5D4 Rubberized Tape.
5D2 Web Tape.
5D3 Web and Rubberized Tape.
Arbeka Webbing Co., 1135 Roosevelt Ave., Pawtucket, R. I.—5D2.
Balata, Victor, & Textile Belting Co., 53 Park Pl., New York 7, N. Y.—5D1, 5D4.
Beall, Jack, Vertical Service Co., 641 S. Dearborn St., Chicago 5, Ill.—5D1.
Best, Edward H., & Co., P.O. Box 1752, 222 Purchase St., Boston 5, Mass.
Clipper Belt Lacer Co., 974 Front Ave., N. W., Grand Rapids 2, Mich.—5D5.
O Corkpak Company, Inc., 70 Argyle Ave., New Rochelle, N. Y.—5D1, 5D4.
Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.—5D1.
Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.—5D1.
General Rubber Corp., Summit and Atwood Sts., Tenafly, N. J.
Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.—5D1.
House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.
Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.—5D2.
Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J.—5D1, 5D3, 5D4.
Ton-Tex Corp., 247 Pearl St., N. W., Grand Rapids 2, Mich.—5D1, 5D3, 5D4.
United States Rubber Co., 1230 Ave. of the Americas, New York 20, N. Y.

BLADES, FOUNTAIN
See Fountains and Accessories 5S.

BLANKETS
See under Cylinder and Tympan Packing 5L.

BLANKETS, OFFSET
See Offset 2D1.

BLIND, PERFORATING RULE
See Composing Room 1X.

BLOWERS (Portable Cleaning)
See Composing Room 1D.

BOTTLE CAP PRINTING PRESSES
See under Printing Presses 5LL.

BOXES, JOGGER
See Jogger Boxes 5Y.

BRAKES FOR PRESSES 5E
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.

BRONZE POWDERS
See under Inks 5W.

BRONZER FEEDERS AND DELIVERY
See under Feeding, Folding and Delivery 5Q.

BRONZING MACHINES 5F
American Bronzing Machine Works, Inc., 145 Nassau St., New York, N. Y.
Gold Leaf & Metallic Powders, Inc., 145 Nassau St., New York 38, N. Y.
Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
O Korn, Henry P., 5 Beekman St., New York 38, N. Y.
Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

BUSINESS FORMS PRESSES
See under Printing Presses 5LL and under Business Form Equipment 8U.

C

CABINETS, RACKS AND CHAIRS 5G
5G1 Chairs.
5G2 Drying Racks.
5G3 Ink Cabinets.
5G4 Makeready Tables.
5G5 Roller Racks.
5G6 Stools and Seats.
5G7 Tool Cabinets.
O American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—5G2.
Angle Steel, Inc., 169 Acorn St., Plainwell, Mich.—5G1, 5G6, 5G7.
O Challenge Machinery Co., The, First St., Grand Haven, Mich.—5G3, 5G7.
Equipto, 401 S. Highland, Aurora, Ill.—5G3, 5G7.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.—5G2, 5G5.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.—5G1, 5G2, 5G3, 5G4, 5G5, 5G6, 5G7.
O Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—5G4.
Lyon Metal Products, Inc., Aurora, Ill.—5G1, 5G3, 5G6, 5G7.
Penco Division, Alan Wood Steel Co., Oaks, Pa.—5G3, 5G7.
O Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.—5G6.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.—5G2, 5G4, 5G5.
Thompson Cabinet Co., Lake St., Ludington, Mich.—5G2, 5G3, 5G4, 5G5, 5G7.

CANS, SAFETY
See Safety Cans 5PP.

CARD PRINTING PRESSES
See under Printing Presses 5LL.

CARTON PRINTING PRESSES
See under Printing Presses 5LL.

CEMENT FOR TAPES
See under Adhesives 5A.

CHAIRS, CABINETS AND RACKS
See under Cabinets, Racks and Chairs 5G.

CHASES
See Composing Room 1F.

CHECK PRINTING PRESSES
See under Printing Presses 5LL.

CHUCKS 5H
5H1 Expansion.
5H2 Non-Returnable Core.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.—5H1.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—5H1, 5H2.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5H2.
Valley Manufacturing Co., Valley, Neb.—5H1, 5H2.

CIRCULAR LETTER FOLDERS
See under Feeding, Folding and Delivery 5Q.

CLEANING BLOWERS, PORTABLE
See Composing Room 1D.

CLEANING FLUID SAFETY CANS
See Safety Cans 5PP.

CLOTHS, WIPING
See Wiping Cloths 5VV.

COLOR FASTNESS TO LIGHT TESTING MACHINES
See under Gauges and Testing Instruments 5U.

COLOR FOUNTAINS, PORTABLE NEWSPAPER
See under Fountains and Accessories 5S.

COLOR PRINTING PRESSES
See under Printing Presses 5LL.

COLOR CURVED PLATE REGISTER MACHINE 5DDD
Harley Company, The, 8701 Third Ave., Brooklyn 9, N. Y.
Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.
O Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

COLOR MATCHING LAMPS 5K
Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.
Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.
Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.

COLOR REGISTER TESTERS, STROBOSCOPE
See under Gauges and Testing Instruments 5U.

COMPOSITION ROLLERS
See under Rollers 5NN.

COMPOUND FOR SPLICING
See under Adhesives 5A.

CONTINUOUS FORM PRESSES
See under Printing Presses 5LL.

CONTRASTOMETER
See under Gauges and Testing Instruments 5U.

CONTROLS AND MOTORS
See Motors and Controls 5CC.

CONTROLS FOR PRESSES
See Transmissions for Presses 5SS.

CONVEYORS FOR MAGAZINES AND NEWSPAPERS 5J
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.
Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.
O Jampol, Company, Inc., The, 728—61st St., Brooklyn 20, N. Y.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
O Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
O Wiretyer Corporation, 65 Lellarts Lane, East Paterson, N. J.
O Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

COOLING FANS FOR ROLLERS
See Fans 5P.

COUNTERS FOR PRESSES
See Numbering and Counting Devices 5HH.

COVERED ROLLERS
See under Rollers 5NN.

CREASING, CUTTING AND PERFORATING RULE
See Composing Room 1X.

CUTTING AND CREASING PRESSES
See Die Cutting Presses 5M.

CUTTING, CREASING AND PERFORATING RULE
See Composing Room 1X.

CYLINDER AND TYMPAN PACKING 5L
5L1 Blankets.
5L2 Draw Sheets.
5L3 Tympan Paper.
5L4 Underpacking.
5L5 Tympan Paper Holders.

- ○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.—5L1, 5L4.
- Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—5L2.
- Best, Edward H., & Co., P. O. Box 1752, 222 Purchase St., Boston 5, Mass.—5L1, 5L2.
- California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—5L1, 5L2, 5L3, 5L4.
- Carmichael Blanket Co., 1151 Oxford Rd., N.E., Atlanta 6, Ga.—5L1.
- ○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—5L1, 5L2, 5L3, 5L4.
- Coyne & Paddock, Inc., 40-09—21st St., Long Island City 1, N. Y.—5L1.
- Cromwell Paper Co., The, 4801 S. Whipple St., Chicago 32, Ill.; 1000 Nottingham Way, Trenton, N. J.—5L2, 5L3.
- ○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5L2.
- ○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.
- Goodrich, B. F., Chemical Co., Div. The B. F. Goodrich Co., 3135 Euclid Ave., Cleveland 15, O.—5L1.
- Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—5L1, 5L2, 5L4.
- Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5L1, 5L4.
- Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.—5L1, 5L2, 5L4.
- ○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5L1, 5L4.
- House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y.—5L1.
- McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.—5L1.
- Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—5L1, 5L3.
- Mitchell-Rand Insulation Co., 51 Murray St., New York, N. Y.—5L3, 5L4.
- New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.—5L1, 5L2, 5L3, 5L4.
- Paterson Parchment Paper Co., Bristol, Pa.—5L2, 5L3.
- Port Huron Sulphite and Paper Co., Washington Ave., Port Huron, Mich.—5L2, 5L3.
- ○Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.—5L2, 5L4.
- ○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.—5L1, 5L2, 5L3, 5L4.
- Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.—5L2, 5L3.
- Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.—5L2, 5L3.
- ○Rouse, H. B., & Co., 2214 North Wayne St., Chicago 14, Ill.—5L5.
- ○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5L1, 5L2, 5L3, 5L4.
- Sorg Paper Co., Middletown, O.—5L2, 5L3.
- ○Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.—5L1, 5L2, 5L3, 5L4.
- Triplet Gauge, 14 Vandewater St., New York 38, N. Y.—5L3.
- United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—5L1.

CYLINDER MAKEREADY SYSTEMS
See under Overlay Systems 5DD.

CYLINDER PRESS FEEDERS
See under Feeding, Folding and Delivery 5Q.

CYLINDER PRINTING PRESSES
See under Printing Presses 5LL.

D

DATING AND NUMBERING (TYPOGRAPHIC) DEVICES
See Composing Room 1H.

DECALCOMANIA INK
See under Ink 5W.

DELIVERY, FEEDING AND FOLDING
See under Feeding, Folding and Delivery 5Q.

DESKS, FOREMEN'S
See under Cabinets, Racks and Chairs 5G.

DIE CUTTING PRESSES 5M

- ○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
- Babcock Printing Press Co., 3215 W. Tusc., Canton 8, O.
- Brandtjen & Kluge, Inc., Gaultier at Como, St. Paul 3, Minn.
- ○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.
- ○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.
- ○Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
- Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
- Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
- ○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index).
- Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
- Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
- Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
- ○Miehle Company, The, Div. Miehle-Goss-Dexter, 2011 W. Hastings St., Chicago 8, Ill.
- Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.
- ○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.
- Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
- Potdevin Machine Co., 297 North St., Teterboro, N. J.
- Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill.
- Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
- ○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
- ○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.
- Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.
- Thomson-National Press Co., Dean Ave., Franklin, Mass.

DIVIDERS FOR FOUNTAINS
See under Fountains and Accessories 5S.

DRAW SHEETS
See under Cylinder and Tympan Packing 5L.

DRIERS FOR INKS
See under Inks 5W.

DRIVES, CHAIN 5EEE

- ○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
- Ramsey Chain Co., Inc., Troy Rd., P.O. Box 4127, Albany 4, N. Y.

DRIVES, VARIABLE SPEED 5KK

- Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.
- Graham Transmissions, Inc., Menomonee Falls, Wis.
- ○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
- Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
- Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis.
- Reeves Pulley Co., Div. of Reliance Electric & Engineering Co., 1225 Seventh St., Columbus, Ind.
- Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
- U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

DRY COLORS FOR INKS
See under Inks 5W.

DRYING RACKS
See Cabinets, Racks and Chairs 5G.

DUROMETERS
See under Gauges and Testing Instruments 5U.

E

EDITION MARKER 5XX

- Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
- ○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.

ELIMINATORS (Floating Powder and Ink Mist) 5FFF

- Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.
- Rothian Corporation, P.O. Box 5074, St. Louis 15, Mo.
- Trion, Inc., 1000 Island Ave., McKees Rocks, Pa.

ELIMINATORS, STATIC
See under Heaters and Neutralizers 5V.

EMBOSSING EQUIPMENT 5N
5N1 Presses.
5N2 Rolls.

- Ackerman-Gould Co., 92 Bleecker St., New York 12, N. Y.—5N1.
- ○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5N1.
- Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—5N1.
- Brandtjen & Kluge, Inc., Gaultier at Como, St. Paul 3, Minn.—5N1.
- ○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.—5N1.
- ○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—5N1.
- Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—5N1.
- Dietz Machine Works, 126 W. Fontain St., Philadelphia 22, Pa.—5N.
- Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—5N1.
- Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—5N1.
- General Gravure Service Co., 1413 Chestnut Ave., Hillside 5, N. J.—5N2.
- Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—5N1.
- Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—5N1.
- ○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index)—5N1.
- Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—5N1.
- Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—5N1.
- Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.—5N1.
- Modern Engraving & Machine Co., 1413 Chestnut Ave., Hillside 5, N. J.—5N1, 5N2.
- OlsenMark Corporation, 124 White St., New York 13, N. Y.
- Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—5N1.
- Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.
- Precise Engineering Co., 430 Grant Pl., Chicago 14, Ill.
- Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.
- ○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—5N1.
- Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.—5N1.
- Thomson-National Press Co., Dean Ave., Franklin, Mass.—5N1.
- Waldron, John, Corp., River Rd., New Brunswick, N. J.—5N1.

ENGRAVERS INKS
See under Inks 5W.

ENVELOPE BLANK PRESSES
See under Printing Presses 5LL.

ENVELOPE MAKING AND PRINTING MACHINERY 5O

- Potdevin Machine Co., 297 North St., Teterboro, N. J.
- Smithe, F. L., Machinery Co., Inc., 645 W. 44th St., New York 36, N. Y.
- Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.

ENVELOPE PRINTING PRESSES
See under Printing Presses 5LL.

F

FANFOLD MACHINES
See under Feeding, Folding and Delivery 5Q.

FANFOLD PRINTING PRESSES
See under Printing Presses 5LL.

FANS, ROLLER COOLING 5P

- ○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill.

FEEDING ACCESSORIES AND GAUGE PINS
See Gauge Pins 5T.

FEEDING, FOLDING AND DELIVERY 5Q
5Q1 Bronzer Feeders and Delivery.
5Q2 Circular Letter Folders.
5Q3 Cylinder Press Feeders.
5Q4 Fanfold Machines.
5Q5 Folding Machines.
5Q6 Job Press Feeders.
5Q7 Magazine Folders.
5Q8 Newspaper Folders.
5Q9 Roll Leaf Feeders.
5Q10 Roll Paper Feeders.
5Q11 Specialty Folders.

- ○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5Q4, 5Q5.
- Babcock Printing Press Co., 3215 W. Tusc., Canton 8, O.—5Q7.
- ○Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa.—5Q5.
- Beall, Jack, Vertical Service Co., 641 S. Dearborn St., Chicago 5, Ill.—5Q3.
- Berry Machine Co., 716 N. First St., St. Louis 2, Mo.—5Q3.
- Brandtjen & Kluge, Inc., Gaultier at Como, St. Paul 3, Minn.—5Q6.
- Brown Folding Machine Co., 3767 Chester Ave., Cleveland 14, O.—5Q5.
- ○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—5Q3, 5Q6.
- ○Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—5Q5.
- ○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N.Y.—5Q1, 5Q2, 5Q3, 5Q4, 5Q5, 5Q6, 5Q7, 5Q8, 5Q11.
- ○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5Q3.
- Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—5Q9.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5Q7, 5Q8.
Griffin, Campbell, Hayes, Walsh, Inc., 50 East 21st St., New York 10, N. Y.—5Q9.
○Hoe, R., & Co., Inc., 910 East 138th St., New York 54, N. Y.—5Q7, 5Q8.
Hudson Sharp Machine Co., Sub. Food Machinery & Equipment Corp., 1201 Main St., Green Bay, Wis.—5Q11.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. Delivery for high-speed presses.
McAdams, John. & Sons, Inc., 20 Knight St., Norwalk, Conn.—5Q5.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—5Q11.
Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb.—5Q8.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—5Q7.
○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—5Q4.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—5Q10.
Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.—5Q9.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5Q5, 5Q10.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.—5Q11.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.—5Q3, 5Q5, 5Q11.
Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, O.—5Q6.
Winton Engineering Co., 2353 May St., Cincinnati, O. Stack unloader.
○**Wood Newspaper Machinery Corp.,** 688 S. Second St., Plainfield, N. J.—5Q7, 5Q8.

FILE FOLDER PRINTING PRESSES
See under Printing Presses 5LL.

FILE FORM PRINTING PRESSES
See under Printing Presses 5LL.

FLAT BED PRINTING PRESSES
See under Printing Presses 5LL.

FLYING PASTERS FOR PRESSES 5R
Cline Electric Mfg. Co., 2405 W. 47th St., Chicago 32, Ill.
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.**
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
○**Wood Newspaper Machinery Corp.,** 688 S. Second St., Plainfield, N. J.

FOLDERS, LETTER
See under Feeding, Folding and Delivery 5Q.

FOLDING, FEEDING AND DELIVERY
See under Feeding, Folding and Delivery 5Q.

FOREMEN'S DESKS
See under Cabinets, Racks and Chairs 5G.

FORM LIFTS
See Composing Room 1DD.

FORM TRUCKS
See under Composing Room 1DD.

FORM WASHES
See Composing Room 1FF.

FOUNTAINS AND ACCESSORIES 5S
5S1 Agitators.
5S4 Blades.
5S2 Dividers.
5S3 Fountains, Ink.
5S8 Fountains, Water.
5S5 Newspaper Color (Portable).
5S7 Roller Trucks.
5S6 Vibrators.
5S9 Water Level Controls.
Acme Printing Appliance Co., The, 9455 Seymour Ave., Schiller Park, Ill.—5S2, 5S6.
Alda Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O.
Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—5S2.
Beall, Jack, Vertical Service Co., 641 S. Dearborn St., Chicago 5, Ill.—Double roll device for Verticals.
○**Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.—5S3, 5S5.**
○**Challenge Machinery Co., The, First St., Grand Haven, Mich.—5S6.**
Coes Knife Co., 72 Coes St., Worcester 3, Mass.—5S4.
Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif.—5S7.
Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.—5S2.
Diamant Typographic Service, Inc., 140 W. 17th St., New York 11, N. Y. Hand inking device.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—5S3.
○**Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5S6.**
○**Gegenheimer, Wm., Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.—5S1, 5S6, 5S8, 5S9.**
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5S1, 5S5.
Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill.—5S1.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—5S5.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—5S1, 5S4.
○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5S5.**
○**Interchemical Corporation, Printing Ink Div., 47 W. 44th St., New York 36, N. Y.—5S3.**
Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O.—5S4.
Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.—5S1.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O. Fountain divider.—5S2.
Rowell, W. Chas., 657 Tenth St., Brooklyn 15, N. Y.—Double roll device for Verticals.
Russell Supply Co., Inc., 80 Washington St., New York 6, N. Y.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.—5S3, 5S5.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—5S3, 5S6.
Yeager Newspaper Machinery Supply Co., P.O. Box 3974, San Juan, Puerto Rico—5S5.

FRUIT STAMPING PRESSES
See under Printing Presses 5LL17.

FURNITURE AND REGLET
See under Composing Room 1L.

G

GAS SHEET HEATERS
See under Heaters and Neutralizers 5V.

GAUGE PINS, GUIDES AND FEEDING ACCESSORIES 5T
Beall, Jack, Vertical Service Co., 641 S. Dearborn St., Chicago 5, Ill. Miehle Vertical transfer table.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.
Carlson Company, The, 15 Hathaway St., Boston 10, Mass.
Gardner Adjustable Quad Guide Co., 389 Northumberland Ave., Redwood City, Calif.
Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex.
Megill, The Edward L., Co., 761 Atlantic Ave., Brooklyn 35, N. Y.
Will-Lo Products, 4518 N. Winchester, Chicago 40, Ill.

GAUGES AND TESTING INSTRUMENTS 5U
5U26 Blanket Thickness Gauge.
5U12 Color Fastness to Light (Fadometer).
5U25 Color Matching.
5U24 Color Printing Control.
5U11 Contrastometer.
5U28 Densitometer.
5U17 Depthometer.
5U1 Durometer.
5U19 Halftone Dot Microscope.
5U23 Impression.
5U27 Ink Drying Timer.
5U18 Inkometer.
5U16 Moisture.
5U2 Paper.
5U3 Paper Strength and Thickness Gauges and Paper Sheet Scales.
5U15 pH Slide Comparator.
5U4 Plate.
5U22 Plate Pre-register Device.
5U10 Press Test Blocks.
5U5 Roller Setting.
5U6 Scleroscope.
5U14 Sheet Register.
5U13 Slug.
5U7 Stroboscope.
5U8 Tachometer.
5U9 Type-High.
5U20 Surface Pyrometer.
5U21 Vibration Meter.
Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.—5U8.
Alico, Incorporated, Montague, Mass.—5U4, 5U5, 5U9, 5U13, 5U26.
○**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.
Amthor Testing Instrument Co., Inc., 45 Van Sinderen Ave., Brooklyn 7, N. Y.—5U3, 5U8.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.—5U25.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.—5U8, 5U16.
Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I.—5U2, 5U9.
Cambridge Instrument Co., Inc., 3546 Grand Central Terminal, New York 17, N. Y.—5U15, 5U16, 5U20.
Cameron Machine Co., Dover, N. J.—5U7.
Carlyle Manufacturing Co., 1907 Baxter Ave., Rochester, N. Y.—5U6.
○**Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.—5U7.**
Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J.—5U25.
Gaebel, Arthur H., Inc., P.O. Box 3, Larchmont, N. Y.—5U17.
Gardner Laboratory, Inc., P.O. Box 5728, Bethesda 14, Md.—5U18.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—5U7.
○**General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.**
General Radio Co., 275 Massachusetts Ave., Cambridge 39, Mass.—5U7, 5U21.
○**Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.—5U9.**
Hart Moisture Gauges, Inc., 126 Liberty St., New York 6, N. Y.—5U16.
○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5U4, 5U9.**
Huck Company, 72 W. 45th St., New York 36, N. Y.—5U22, 5U23, 5U27.
○**Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 18, N. Y.—5U26.**
M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.—5U10.
Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.—5U12.
Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.—5U28.
Metron Instrument Co., 432 Lincoln St., Denver 3, Colo.—5U8.
Minden Paper Gauge Co., Inc., 220 W. 41st St., New York 36, N. Y.—5U2, 5U3.
○National Laboratories, Midland Park, N. J.—5U7.
Nolan Machinery Co., Port St., Pulaski, N. Y.—5U9.
Perkins, B. F., & Son, Inc., P.O. Box 388, Holyoke, Mass.—5U2.
○**Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.—5U4.**
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5U8.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—5U7.
Pyrometer Instrument Co., 92 Portland Ave., Bergenfield, N. J.—5U20.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.—5U8.
Starrett, L. S., Co., Crescent St., Athol, Mass.—5U2.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.—5U8.
Taylor, W. A., & Co., 7300 York Rd., Baltimore 4, Md.—5U15.
Taylor Machine Co., 210 Guilford Ave., Baltimore 2, Md.—5U22.
Testing Machines Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y.—5U1, 5U2, 5U3.
Ti-Pi Co., 1000 Broadway, Kansas City 5, Mo.—5U9.
Triplet Gauge, 14 Vandewater St., New York 38, N. Y.—5U4.
○**Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.—5U2, 5U4, 5U5, 5U9, 5U10, 5U13.**
Walton Laboratories, Inc., 1189 Grove St., Irvington 11, N. J.—5U16.
Webb Machine Works, 1252 Dalzell St., Shreveport, La.—5U23.
Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.—5U27.
Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.—5U8, 5U11, 5U16. Photographic analyzer.
Zernickow, O., Co., 15 Park Row, New York 38, N. Y.—5U8.

GLASSES FOR REDUCING AND MAGNIFYING
See Magnifiers and Reducers 5BB.

GLOSS INKS
See Inks 5W.

GRAVURE INKS
See under Inks 5W.

GRAVURE PRINTING PRESSES
See under Printing Presses 5LL.

GRINDING EQUIPMENT FOR RUBBER ROLLERS
See Rubber Roller Grinding Equipment 5OO.

GRIPPERS
See Gauge Pins 5T.

GUARDS, SAFETY
See Safety Guards 5QQ.

GUIDES
See under Gauge Pins, Guides and Feeding Accessories 5T.

H

HAND PRINTING PRESSES
See under Printing Presses 5LL.

HAND BRAYER ROLLERS
See under Rollers 5NN.

HEATERS AND NEUTRALIZERS 5V
5V4 Heated Air Blower.
5V1 Heaters.
5V2 Neutralizers.
5V6 Ovens.
5V3 Static Tinsel.
5V5 Steam Drums.
5V7 Water Spray.

Acme Printing Appliance Co., The, 9455 Seymour Ave., Schiller Park, Ill.—5V1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. —5V1, 5V2.
○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.—5V1.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O. —5V1.
Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill.—5V3.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5V1, 5V2.
Dryer Electric Corp., 111 Bedford Ave., Brooklyn 11, N. Y.—5V1.
Economy Printers Products Co., 609 LaSalle St., Chicago 5, Ill. —5V2, 5V3.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Herbert Products, Inc., 74-32 Jamaica Ave., Woodhaven 21, N. Y.—5V1, 5V2, 5V4, 5V6.
Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J.—5V2.
Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex.
Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.—5V1, 5V4, 5V5.
Master Appliance Mfg. Co., Fourth and Ontario Sts., Racine, Wis.—5V4.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. Static eliminating bar.
Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.—5V3.
Portland Company, The, 60 Fore St., Portland 6, Me.—5V2.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—5V2.
Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.—5V6.
Selas Corp. of America, Dresher, Pa.—5V1, 5V6.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.—5V1, 5V2.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.—5V1, 5V2.
Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y.—5V2.
Takk Corporation, P.O. Box 346, Newark, O.—5V2.
United States Radium Corp., Morristown, N. J.—5V2.
Utility Heater Co., 239 Centre St., New York 13, N. Y.—5V1, 5V2.
Vapo Systems Co., 130-32 W. Home Ave., Villa Park, Ill.—5V7.
Western Brush Co., 219 S. Western Ave., Chicago 12, Ill.—5V2.
Wolfer Printers Supply, Inc., 1221 Maple Ave., Los Angeles 15, Calif.—5V1.

HUMIDIFYING EQUIPMENT
See Miscellaneous 8A.

HUMIDITY INDICATORS
See Miscellaneous 8A.

HYDRAULIC PRINTING PRESS CONTROLS
See Transmissions for Presses 5SS.

I

INDEX CARD PRINTING PRESSES
See under Printing Presses 5LL.

INK AGITATORS
See Fountains and Accessories 5S.

INK AND AIR PUMPS
See Pumps 5JJ.

INK CABINETS
See under Cabinets, Racks and Chairs 5G.

INK KNIVES
See under Tools 5TT.

INK MILLS AND MIXERS 5X
Day, The J. H., Co., Div. of Cleveland Automatic Machine Co., 4932 Beech St., Cincinnati 12, O.
Morehouse-Cowles, Inc., 1150 San Fernando Rd., Los Angeles 65, Calif.
Read Standard Corp., Div. Capitol Products, York, Pa.
Ross, Charles, & Son Co., 148 Classon Ave., Brooklyn 5, N. Y.
Troy Engine & Machine Co., 739 Parsons St., Troy, Pa.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa.

INK OXIDIZERS
See under Heaters and Neutralizers 5V.

INK PUMPS
See under Pumps 5JJ.

INK REDUCERS
See under Inks 5W.

INK VIBRATORS FOR ROLLERS
See under Fountains and Accessories 5S.

INK (ALL PROCESSES) 5W
5W1 Bronze Powders.
5W21 Cold Set.
5W24 Collotype.
5W12 Color Process.
5W27 Compounds.
5W32 Conditioners.
5W16 Decalcomania.
5W2 Driers.
5W3 Dry Colors.
5W4 Engravers.
5W18 Flexographic.
5W19 Fluorescent.
5W15 Gloss.
5W5 Gravure.
5W22 Heat Set.
5W6 Letterpress.
5W25 Magic or Invisible.
5W7 Metallic.
5W23 Moisture Set (Precipitation).
5W31 News.
5W8 Offset.
5W26 Plastic.
5W9 Plate Printing.
5W10 Reducers.
5W20 Rotary Press News.
5W29 Silk Screen.
5W28 Sizers.
5W11 Specialty.
5W30 Steel and Copperplate.
5W17 Transfer.
5W13 Varnish.
5W14 Water Color.

Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa.—5W3, 5W5, 5W6, 5W8, 5W26, 5W27, 5W29, 5W31.
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—5W11, 5W15.
Atlantic Powdered Metals, Inc., 38 Park Row, New York 38, N. Y.—5W1.
Atlas Silk Screen Supply Co., 1733 Milwaukee Ave., Chicago 47, Ill.—5W29.
Bensing Bros. and Deeney, Sub. of Sun Chemical Corp., 3301 Hunting Park Ave., Philadelphia 29, Pa.—5W2, 5W5, 5W6, 5W8, 5W11, 5W18.
Binney and Smith Co., 308 Madison Ave., New York 17, N. Y. —5W3, 5W13.
Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.—5W2, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W13, 5W15, 5W16, 5W19, 5W20, 5W23, 5W27.
Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O.—5W2, 5W6, 5W7, 5W8, 5W13, 5W14, 5W25.
Braznell Company, 2227 Walnut St., St. Louis 3, Mo.—5W2, 5W6, 5W8, 5W13.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W19, 5W20, 5W21, 5W22, 5W23, 5W24, 5W25, 5W26, 5W27, 5W29, 5W30, 5W31.
Canada Printing Ink Co., Ltd., Brockhouse Rd., Box 265, Postal Station N, Toronto 14, Canada.—5W6, 5W8, 5W11.
Capitol Printing Ink Co., Inc., 806 Channing Pl., N. E., Washington 18, D. C.—5W2, 5W6, 5W7, 5W8, 5W10, 5W13, 5W15, 5W22.
Carlson, John P., Inc., 420 Carroll St., Brooklyn 15, N. Y.—5W6, 5W7, 5W8, 5W12, 5W13, 5W14, 5W15.
○Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.—5W13, 5W32.
Cleveland Printing Ink Co., Inc., 1260 W. Fourth St., Cleveland 13, O.—5W1, 5W2, 5W6, 5W7, 5W8, 5W10, 5W11, 5W15, 5W19, 5W27, 5W31.
Colora Printing Inks, Inc., 42-12 35th Ave., Long Island City, N. Y.—5W18.
Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa.—5W2, 5W5, 5W6, 5W8, 5W13, 5W18.
Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J. —5W1, 5W4, 5W11.
○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—5W2, 5W8, 5W10, 5W12, 5W13, 5W27.
Driscol, Martin, & Co., 610 S. Federal St., Chicago 5, Ill.—5W2, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W13, 5W18, 5W27, 5W29.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del. —5W10, 5W13.
Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y. — 5W7, 5W11, 5W22, 5W27.
Empire Type Foundry, 55 N. Main St., Delevan, N. Y.—5W31.
○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W20, 5W27, 5W28.
Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O.—5W2, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W15, 5W16, 5W17, 5W18, 5W19, 5W25.
Gastjens, Berger & Wirth, Inc., 35 York St., Brooklyn 1, N. Y. —5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W18, 5W19, 5W27.
General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W20, 5W22, 5W23, 5W24, 5W27, 5W28, 5W31.
Gold Leaf and Metallic Powders, Inc., 145 Nassau St., New York 38, N. Y.—5W1.
Gotham Ink & Color Co., 5-19—47th Ave., Long Island City 1, N. Y.—5W5, 5W18.
Graphic Chemical & Ink Co., 714 N. Ardmore Ave., Villa Park, Ill.—5W6, 5W8, 5W10, 5W27, 5W30.
Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 47, Ill.—5W2, 5W6, 5W7, 5W8, 5W12, 5W13.
○Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J.—5W2, 5W6, 5W7, 5W8, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W20, 5W22, 5W27, 5W28.
Hill-Hentschel Co., 3928 Clayton Ave., St. Louis 10, Mo.—5W2, 5W4, 5W5, 5W6, 5W7, 5W8, 5W13, 5W18, 5W20, 5W22, 5W23.
Hoeffler, J., & Co., 100 Sixth Ave., New York 13, N. Y.—5W2, 5W6, 5W8, 5W12.
Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J.—5W1, 5W2, 5W3, 5W5, 5W6, 5W7, 5W8, 5W10, 5W12, 5W13, 5W15, 5W18, 5W20, 5W22, 5W23, 5W31.
Inco Company, Inc., 2372 W. Seventh St., Cleveland 13, O.—5W2, 5W6, 5W7, 5W8, 5W12, 5W13, 5W15, 5W19, 5W27.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.—5W2, 5W10, 5W32.
○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W17, 5W18, 5W19, 5W20, 5W22, 5W23, 5W26, 5W27, 5W28, 5W29, 5W31.
Kohl and Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.—5W2, 5W6, 5W7, 5W8, 5W13, 5W26, 5W27, 5W32.
Lawter Chemicals, Inc., 3550 Touhy Ave., Chicago 45, Ill.—5W13, 5W19.
Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.—5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15.
McCutcheon Bros. & Quality, Inc., 2653 N. Reese St., Philadelphia 33, Pa.—5W2, 5W6, 5W8, 5W13, 5W23.
Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5W5, 5W6, 5W8, 5W13, 5W14.
Morrison Printing Ink Co., The, 1051 Power Ave., Cleveland 14, O.—5W6, 5W8.
OlsenMark Corp., 124 White St., New York 13, N. Y.—5W11.
Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y. —5W2, 5W7, 5W8, 5W12, 5W13, 5W15.
Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.—5W1, 5W2, 5W4, 5W6, 5W7, 5W8, 5W10, 5W12, 5W13, 5W15, 5W19, 5W22, 5W23, 5W28.
Prescott, H. S., 238 Dwight St., Springfield 2, Mass.—5W6, 5W8, 5W11, 5W14.
Roberts, Lewis, Inc., 72 Union St., Newark 5, N. J.—5W2, 5W6, 5W8, 5W17, 5W18.
Roosen, H. D., Co., Div. of Columbian Carbon Co., 380 Madison Ave., New York 17, N. Y. 5W1, 5W2, 5W3, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W13.
Siebold, J. H. & G. B., Inc. 150 Varick St., New York 13, N.Y. 5W2, 5W6, 5W7, 5W8, 5W13, 5W14.
○Sinclair & Carroll Co., Inc., 440 W. Superior, Chicago 10, Ill.—5W6, 5W8, 5W31.
Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y. —5W1, 5W2, 5W3, 5W4, 5W5, 5W6, 5W7, 5W8, 5W9, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W18, 5W19, 5W22, 5W23, 5W26, 5W29.
Sleight & Hellmuth, Inc., 900 S. Clinton St., Chicago 7, Ill.—5W2, 5W6, 5W8, 5W13, 5W18, 5W32.
Steel City Printing Ink Co., 281 Corliss St., Pittsburgh 20, Pa. —5W4, 5W6, 5W8, 5W11, 5W13, 5W22, 5W23, 5W26, 5W27, 5W30.
Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.—5W5, 5W6, 5W8, 5W18, 5W19.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.—5W1, 5W2, 5W4, 5W5, 5W6, 5W7, 5W8, 5W10, 5W11, 5W12, 5W13, 5W14, 5W15, 5W16, 5W22, 5W23, 5W27, 5W28.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa.—5W1, 5W2, 5W6, 5W7, 5W8, 5W13, 5W27.
○U. S. Printing Ink Corp., 66 Industrial, Little Ferry, N. J.—5W6, 5W8.
Virkotype Corporation, 111 Rock Ave., Plainfield, N. J.—5W7, 5W11, 5W27.
Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.—5W10, 5W27.

Winslow Ink Corp., 104 Greene St., New York 12, N. Y.—5W2, 5W6, 5W7, 5W8, 5W10, 5W13, 5W22, 5W27.

INSERTER, TAB OR TICKET
See under Numbering and Counting Devices 5HH.

INTAGLIO PRINTING INKS
See under Inks 5W.

INVERTER, PILE
See under Pile Inverter 5SS.

J

JOB PRESS FEEDERS
See under Feeding, Folding and Delivery 5Q.

JOB PRINTING PRESSES
See under Printing Presses 5LL.

JOGGER BOXES 5Y
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

JOGGING MACHINES 5Z.
○Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Brackett Stripping Machine Co., The, 505 Jackson St., Topeka, Kan.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.
Evans Specialty Co., Inc., 2401 Venable St., Richmond 23, Va.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Scheinker, Ilya, Mechanical Engineering, 35 Great Jones St., New York 12, N. Y.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.
Syntron Company, 577 Lexington Ave., Homer City, Pa.
Universal Jogger Co., Inc., 322 S. Fourth St., Minneapolis 15, Minn.

K

KNIVES (Blades) FOR FOUNTAINS
See under Fountains and Accessories 5S.

KNIVES, INK
See under Tools 5TT.

KNIVES, MAKEREADY
See under Tools 5TT.

KNIVES, OVERLAY
See under Tools 5TT.

L

LABEL PRINTING PRESSES
See under Printing Presses 5LL.

LETTER FOLDERS
See under Feeding, Folding and Delivery 5Q.

LETTERPRESS INKS
See under Inks 5W.

LIFTS FOR FORMS
See Composing Room 1DD.

LIFTS, PAPER AND TIERING MACHINES
See Paper Cutting and Processing 4D.

LIGHTING UNITS
See Composing Room 1GG.

LINE-UP AND REGISTER TABLES
See Composing Room 1F.

LOCKERS, CLOTHING
See Composing Room 1OO.

LOCKUP ACCESSORIES, CHASES AND QUOINS
See Composing Room 1F.

LUBRICATING EQUIPMENT AND SUPPLIES 5AA
Albany Grease Co., Linden, N. J.
Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Bijur Lubricating Corp., 151 W. Passaic St., Rochelle Park, N. J.
Bowser, Incorporated, 1302 E. Creighton Ave., Ft. Wayne 2, Ind.
Cook's, Adam, Sons, Inc., 5 N. Stiles St., Linden, N. J.
Lubriplate Division, Fiske Brothers Refining Co., 129 Lockwood St., Newark 5, N. J.
National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.
Rothian Corporation, P.O. Box 5074, St. Louis 15, Mo.
Sol-Dor Company, The, P.O. Box 585, Athens, O.
Whitmore Manufacturing Co., The, 3816 Iron Court, Cleveland 4, O.

M

MAGAZINE AND NEWSPAPER CONVEYORS
See Conveyors 5J.

MAGAZINE FOLDERS
See under Feeding, Folding and Delivery 5Q.

MAGAZINE PRESS REELS AND TENSIONS
See Paper Reels and Tensions 5GG.

MAGAZINE PRINTING PRESSES
See under Printing Presses 5LL.

MAGNIFIERS AND REDUCERS 5BB
Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.
Bache, Semon, & Co., 636 Greenwich St., New York 14, N. Y.
Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.
○Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.
Douthitt Corporation, 680 E. Fort St., Detroit 26, Mich.
Mark Specialty Co., 183 St. Paul St., Rochester 4, N. Y.
Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.
Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y.

MAKEREADY KNIVES
See under Tools 5TT.

MAKEREADY PASTE
See under Adhesives 5A.

MAKEREADY SYSTEMS 5DD
Cantine, Martin, Co., Saugerties, N. Y.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.
OlsenMark Corporation, 124 White St., New York 13, N. Y.
○Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.
Winton Engineering Co., 2353 May St., Cincinnati, O.—Sheet markup and inspection table

MATCH BOOK COVER PRINTING PRESSES
See under Printing Presses 5LL.

METALLIC INKS
See under Inks 5W.

MICROMETERS
See under Gauges and Testing Instruments 5U also under Gauges 1N.

MILLS, INK
See Ink Mills 5X.

MOTORS AND CONTROLS 5CC
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.
Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

MOUNTING SYSTEMS FOR PLATES
See Composing Room 1U.

MULTIPLE BILLING PRESSES
See Printing Presses 5LL.

N

NEUTRALIZERS FOR PRESSES
See under Heaters and Neutralizers 5V.

NEWS INK, ROTARY PRESS
See under Ink 5W.

NEWSPAPER AND MAGAZINE CONVEYORS
See Conveyors 5J.

NEWSPAPER FOLDERS
See under Feeding, Folding and Delivery 5Q.

NEWSPAPER PORTABLE COLOR FOUNTAINS
See under Fountains and Accessories 5S.

NEWSPAPER PRESS REELS AND TENSIONS
See Paper Reels and Tensions 5GG.

NEWSPAPER PRINTING PRESSES
See under Printing Presses 5LL.

NEWSPRINT TRUCKS
See under Trucks 5UU.

NON-RETURNABLE CORE CHUCKS
See Chucks 5H.

NUMBERING AND COUNTING DEVICES 5HH
5HH1 Inserter, Tab or Ticket.
5HH2 Numbering Machine, Rotary Press.
5HH3 Press Counters.
Also see Composing Room 1H.
American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.—5HH1, 5HH2
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Ameurope, Inc., 535 Communipaw Ave., Jersey City 4, N. J.
○Corkpak Company, Inc., 70 Argyle Ave., New Rochelle, N. Y.—5HH2.
Counter and Control Corp., 4503 W. Brown Deer Rd., Milwaukee Wis.—5HH1, 5HH3.
Durant Manufacturing Co., 1988 N. Buffum St., Milwaukee 1, Wis.—5HH3.
Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass.—5HH3.
○Force, Wm. A., & Co., Inc., 216 Nicholas Ave., Brooklyn 8, N. Y.—5HH2.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.—5HH1.
Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York, N. Y.—5HH1, 5HH3.
National Numbering Machine Co., 42-25 Ninth St., Long Island City 1, N. Y.
Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.
Popular Mechanics Co., Attn: William H. Taylor, 200 E. Ontario St., Chicago 11, Ill.—Counter and stacker.
Potter Instrument Co., Inc., 115 Cutter Mill Rd., Great Neck, L. I., N. Y.—5HH3.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5HH2.
○Radio Corp. of America, Industrial Electronic Products Corp., Front & Cooper, Camden, N. J.—5HH2.
Redington, F. B., Co., 3000 St. Charles Rd., Bellwood, Ill.—5HH3.
Roberts Numbering Machine Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.—5HH2.
Veeder-Root, Inc., 70 Sargeant St., Hartford 2, Conn.—5HH3.
○Wetter Numbering Machine Co., Atlantic Ave. and Logan St., Brooklyn 8, N. Y. — 5HH1, 5HH2, 5HH3.

O

OFFSET INKS
See under Inks 5W.

OFFSET BLANKETS
See under 2D Offset Index.

OFFSET PREVENTING EQUIPMENT 5EE
5EE3 Dry Powder Devices.
5EE1 Spray Gun Liquid.
5EE2 Spray Solutions.
5EE4 Spray Scanners.
Acme Gear & Machine Co., Seventh and Wood Sts., Philadelphia 6, Pa.—5EE1, 5EE2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5EE1, 5EE2, 5EE3.
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.—5EE2.
California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif. — 5EE1, 5EE2, 5EE3, 5EE4.
Craig Corporation, 143 W. 20th St., New York 11, N. Y.—5EE3.
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.—5EE2.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
H. & H. Products, 1930 S. State St., Chicago 16, Ill.—5EE3.
International Dry Spray Corp., 13 E. 19th St., New York 3, N. Y.—5EE2, 5EE3.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.—5EE2.
○Offen, B., & Co., 29 E. Madison St., Chicago 2, Ill.
Ortman-McCain Co., 1330 W. Washington Blvd., Chicago 7, Ill.—5EE1, 5EE2, 5EE3.
Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.—5EE1, 5EE2, 5EE3.
Paasche Airbrush Co., Div., Cline Electric Mfg. Co., 1909 Diversey Parkway Chicago 14, Ill.—5EE1, 5EE2.
Pneuma-Flo Systems, Inc., 141 W. 20th St., New York 11, N. Y.—5EE2, 5EE3.
Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif.—5EE3.
○Simco Company, The, 920 Walnut St., Lansdale, Pa.
Sprayomatic Products Co., 750 Main St., Milford, O.—5EE1.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.
Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.—5EE2, 5EE3.
Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.—5EE2.
United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa.—5EE2.
Utility Heater Co., 239 Centre St., New York 13, N. Y.
Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.—5EE2.
Winton Engineering Co., 2353 May St., Cincinnati, O.—5EE3.

OFFSET PRINTING PRESSES
See under Printing Presses 5LL.

OFFSET ROLLERS
See under Rollers 5NN.

OILING SYSTEMS AND SUPPLIES
See Lubricating Equipment 5AA.

OVERLAY KNIVES
See under Tools 5TT.

OVERLAY SYSTEMS
See under Makeready Systems 5DD.

OXIDIZERS, INK
See under Heaters and Neutralizers 5V.

P

PACKING FOR TYMPANS
See under Cylinder and Tympan Packing 5L.

PAPER BALERS
See Waste Paper Balers 8L.

PAPER CLEANERS 5AAA
○Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O.
Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

PAPER CONDITIONING
See under Miscellaneous 8A.

PAPER GAUGES
See under Gauges and Testing Instruments 5U.

PAPER LIFTS AND TIERING MACHINES
See Paper Cutting and Processing 4D.

PAPER REELS AND TENSIONS (FOR NEWSPAPER AND MAGAZINE PRESSES) 5GG
Cameron Machine Co., Dover, N. J.
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.
○Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

PAPER ROLL TRUCKS
See under Trucks 5UU.

PAPER SHEET SCALES
See under Gauges and Testing Instruments 5U.

PAPER SHEET SIZE TESTER
See Gauges and Testing Instruments 5U.

PAPER STRENGTH GAUGES
See under Gauges and Testing Instruments 5U.

PAPER STRETCH GAUGES
See under Gauges and Testing Instruments 5U.

PAPER THICKNESS GAUGES
See under Gauges and Testing Instruments 5U.

PAPER TIERING TRUCKS
See under Paper Cutting and Processing 4D.

PAPER TYMPANS
See under Cylinder and Tympan Packing 5L.

PASTE FOR MAKEREADY
See under Adhesives 5A.

PASTERS, FLYING, FOR PRESSES
See Flying Pasters 5R.

PATENT ROLLERS
See under Rollers 5NN.

PENCIL PRINTING PRESSES
See under Printing Presses 5LL.

PERFORATING, CREASING AND CUTTING RULE
See Composing Room 1X.

PERFORATING, SLITTING AND SCORING ATTACHMENTS 5FF.
Acme Printing Appliance Co., The, 9455 Seymour Ave., Schiller Park, Ill.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Beall, Jack, Vertical Service Co., 641 S. Dearborn St., Chicago 5, Ill.
Boyd, H. S., Co., 6525 E. 24th St., P.O. Box 5014, Tulsa, Okla.
Brackett Stripping Machine Co., The, 505 Jackson St., Topeka, Kan.
Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif.
Davidson Perforator Co., P.O. Box 191, East Berlin, Conn.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
○New Era Mfg. Co., The, 233 Central Ave., Hawthorne, N. J.
Ortieb Machinery Co., 3818 Laclede Ave., St., Louis 8, Mo.
Preferred Pressroom Products, Inc., 119 Foster St., Peabody, Mass.

PILE INVERTER 5SS
○Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.
Busch, J. C., Co., 17 W. 54th St., New York 19, N. Y.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

PLANOGRAPHIC INKS
See under Inks 5W.

PLATE GAUGES
See under Gauges and Testing Instruments 5U.

PLATE MOUNTING SYSTEMS
See Composing Room 1U.

PLATEN PRINTING PRESSES
See under Printing Presses 5LL.

PLATE PRINTING INKS
See under Inks 5W.

PLATE TRUCKS
See under Platemaking 2G.

PORTABLE CLEANING BLOWERS
See Composing Room 1D.

PORTABLE COLOR FOUNTAINS, NEWSPAPER
See under Fountain and Accessories 5S.

POWDERS, BRONZE
See under Inks 5W.

POWDERS FOR BRONZING
See Inks 5W.

POWDERS FOR RAISED LETTER PRINTING
See Raised Letter Printing Machines 5MM.

PRESS BLANKETS
See under Cylinder and Tympan Packing 5L.

PRESS BRAKES
See Brakes for Presses 5E.

PRESS COUNTERS
See under Numbering and Counting Devices 5HH.

PRESSES, DIE CUTTING
See Die Cutting Presses 5M.

PRESSES, EMBOSSING
See Embossing Presses and Equipment 5N.

PRESS LUBRICATING EQUIPMENT AND SUPPLIES
See Lubricating Equipment 5AA.

PRESS PUNCHES
See Composing Room 1KK.

PRESS SPEED INDICATORS
See under Gauges and Testing Instruments 5U.

PRINTING PRESS BEARINGS
See Bearings 5C.

PRINTING PRESS MOTORS
See Motors and Controls 5CC.

PRINTING PRESSES 5LL
5LL 1 Automatic.
5LL 2 Bag.
5LL 3 Imprinting.
5LL 4 Bottle Cap.
5LL57 Business Form.
5LL 5 Card.
5LL 6 Carton.
5LL 8 Check.
5LL 7 Color.
5LL58 Container.
5LL47 Continuous Form.
5LL 9 Cylinder.
5LL56 Dry Offset.
5LL10 Envelope.
5LL11 Envelope Blank.
5LL12 Fanfold.
5LL59 File Card.
5LL13 File Folder.
5LL14 File Form.
5LL15 Flat Bed.
5LL46 Flexographic (Aniline)
5LL16 Form Letter.
5LL17 Fruit Stamping.
5LL18 Gravure (Sheet Fed).
5LL19 Hand.
5LL20 Index Card.
5LL21 Job.
5LL22 Label.
5LL23 Lithographic.
5LL24 Magazine.
5LL44 Makeready.
5LL51 Match Book Cover.
5LL48 Multiple Billing.
5LL25 Newspaper.
5LL60 Odd Shaped Objects.
5LL26 Offset.
5LL27 Pencil.
5LL45 Photogelatin.
5LL28 Platen.
5LL29 Register Form.
5LL30 Roll Feed.
5LL31 Roll Form.
5LL32 Rotary.
5LL33 Rotogravure.
5LL52 Rubber Plate.
5LL34 Sales Book.
5LL54 Screen Process.
5LL35 Sheet Feed.
5LL53 Shirt Band.
5LL49 Snapout.
5LL36 Specialty.
5LL37 Tag.
5LL38 Tape.
5LL39 Ticket.
5LL40 Tin and Other Metal Plate.
5LL55 Two-Process.
5LL50 Typewriter Ribbon Attachment for Platen Presses.
5LL41 Vertical.
5LL42 Web.
5LL43 Wrapper.

Ackerman-Gould Co., 92 Bleecker St., New York 12, N. Y.—5LL19, 5LL36.
Addressograph - Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.—5LL1, 5LL26, 5LL35.
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.—5LL1, 5LL35, 5LL39, 5LL46.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—5LL1, 5LL3, 5LL5, 5LL6, 5LL7, 5LL8, 5LL9, 5LL10, 5LL12, 5LL14, 5LL15, 5LL18, 5LL19, 5LL21, 5LL22, 5LL23, 5LL24, 5LL25, 5LL26, 5LL28, 5LL29, 5LL30, 5LL31, 5LL32, 5LL33, 5LL34, 5LL35, 5LL36, 5LL42, 5LL43, 5LL46, 5LL47, 5LL48, 5LL49, 5LL52, 5LL53, 5LL55, 5LL56, 5LL57, 5LL59.
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—5LL27, 5LL36.
Babcock Printing Press Co., 3215 W. Tusc, Canton 8, O.—5LL24, 5LL26, 5LL32, 5LL33, 5LL46.
Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.—5LL1, 5LL9, 5LL15, 5LL21, 5LL26, 5LL35.
Berlin & Jones Co., 601 W. 26th St., New York 1, N. Y.—5LL10.
Brandtjen & Kluge, Inc., Gaultier at Como, St. Paul 3, Minn.—5LL1, 5LL28.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.—5LL9, 5LL21, 5LL26, 5LL36.
○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.—5LL1, 5LL2, 5LL3, 5LL4, 5LL5, 5LL6, 5LL7, 5LL9, 5LL10, 5LL12, 5LL18, 5LL22, 5LL24, 5LL29, 5LL30, 5LL31, 5LL32, 5LL33, 5LL35, 5LL36, 5LL37, 5LL38, 5LL39, 5LL42, 5LL43, 5LL46, 5LL51, 5LL52, 5LL58, 5LL59.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—5LL1, 5LL28.
○Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.—5LL9, 5LL15, 5LL26, 5LL35.
Cosom Engineering Corp., 6012 Wayzata Blvd., Minneapolis 16, Minn.—5LL4, 5LL36, 5LL60.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—5LL2, 5LL6, 5LL7, 5LL8, 5LL22, 5LL24, 5LL26, 5LL30, 5LL31, 5LL32, 5LL33, 5LL35, 5LL36, 5LL42, 5LL43, 5LL46.
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St., W., Toronto 1, Ontario, Can.—5LL23, 5LL24, 5LL25, 5LL26, 5LL33, 5LL42.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—5LL19, 5LL21, 5LL28.
Crawford, E. A., Co., P.O. Box 2216, Edgewood Sta., Providence 5, R. I.—5LL1, 5LL26, 5LL41, 5LL42, 5LL46, 5LL56.
○Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—5LL1, 5LL7, 5LL26, 5LL35, 5LL52.
Dependable Compressor & Machine Co., 157 W. 21st St., New York 11, N. Y.—5LL54.
○Deskfinder Company, The, P.O. Box 337, Costa Mesa 1, Calif.—5LL3.
Dietz Machine Works, 126 W. Fontain St., Philadelphia 22, Pa.—5LL46.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—5LL2, 5LL7, 5LL17, 5LL24, 5LL25, 5LL26, 5LL30, 5LL42, 5LL43, 5LL46.
○Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5LL1, 5LL3, 5LL26, 5LL32, 5LL33, 5LL34, 5LL42, 5LL52, 5LL55, 5LL57.
Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.—5LL3, 5LL27, 5LL51.
Frostad Engineering Co., 3037 S. Wentworth Ave., Milwaukee 7, Wis.—5LL36, 5LL38, 5LL43, 5LL46.
General Research & Supply Co., 572 S. Division St., Grand Rapids 3, Mich.—5LL54.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5LL1, 5LL7, 5LL15, 5LL24, 5LL25, 5LL30, 5LL31, 5LL32, 5LL33, 5LL42, 5LL44.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—5LL36.
Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.—5LL15, 5LL30, 5LL32, 5LL42, 5LL46, 5LL51, 5LL52.
Halm Industries Co., Inc., Glen Head Rd., Glen Head, N. Y.—5LL5, 5LL11.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—5LL1, 5LL8, 5LL9, 5LL12, 5LL14, 5LL16, 5LL18, 5LL20, 5LL22, 5LL23, 5LL26, 5LL29, 5LL30, 5LL31, 5LL32, 5LL33, 5LL34, 5LL36, 5LL37, 5LL38, 5LL39, 5LL42, 5LL43, 5LL47, 5LL48, 5LL49, 5LL52, 5LL57.
○Hantscho, George, Co., Inc., 602 S. Third Ave., Mount Vernon, N. Y.—5LL7, 5LL26, 5LL42.
Harley Company, The, 8701 Third Ave., Brooklyn 9, N. Y.—5LL35, 5LL46.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—5LL1, 5LL6, 5LL7, 5LL9, 5LL11, 5LL22, 5LL23, 5LL24, 5LL26, 5LL28, 5LL32, 5LL35, 5LL46, 5LL42.
Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa.—5LL36.
○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index)—5LL1, 5LL8, 5LL9, 5LL21, 5LL28.
Heinrich, H. H., Co., 111 Eighth Ave., New York 11, N. Y.—5LL1, 5LL2, 5LL18, 5LL30, 5LL32.
Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.—5LL30, 5LL32, 5LL36.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.—5LL2, 5LL24, 5LL26, 5LL30, 5LL31, 5LL32, 5LL42, 5LL43, 5LL46, 5LL52, 5LL56.

○Hoe, R. & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5LL1, 5LL3, 5LL7, 5LL15, 5LL16, 5LL19, 5LL23, 5LL24, 5LL25, 5LL26, 5LL32, 5LL33, 5LL35, 5LL36, 5LL40, 5LL42, 5LL44, 5LL45.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—5LL1, 5LL2, 5LL10, 5LL22, 5LL30, 5LL32, 5LL33, 5LL36, 5LL42, 5LL43, 5LL46, 5LL58.

Industrial Marking Equipment Co., Inc., The, 454 Baltic St., Brooklyn 17, N. Y.—5LL2, 5LL6, 5LL58.

Inta-Roto Machine Co., Inc., P.O. Box 454, Richmond 3, Va. —5LL18, 5LL22, 5LL33, 5LL38, 5LL42, 5LL46.

Kelsey, W. A., Co., 45 Crown St., Meriden, Conn.—5LL19, 5LL21, 5LL28.

Kidder Press Co., Inc., 121 Broadway, Dover, N. H.—5LL1, 5LL2, 5LL4, 5LL5, 5LL7, 5LL12, 5LL13, 5LL15, 5LL18, 5LL20, 5LL22, 5LL24, 5LL26, 5LL28, 5LL29, 5LL30, 5LL31, 5LL32, 5LL34, 5LL35, 5LL36, 5LL37, 5LL38, 5LL39, 5LL42, 5LL43, 5LL46, 5LL47, 5LL48, 5LL49, 5LL57.

Lawson Printing Machine Co., The, 4453 Olive St., St. Louis 8, Mo. —5LL54.

Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa. — 5LL7, 5LL23, 5LL26, 5LL30, 5LL32, 5LL36, 5LL42, 5LL46, 5LL52.

Lockwood's Incorporated, 375—11th Ave., Paterson 4, N. J.—5LL22, 5LL39.

Magnat Machinery & Pattern Corp., Leeds, Mass. — 5LL46, 5LL55.

Manhasset Machine Co., 409 Bayview Ave., Amityville, N. Y.—5LL18, 5LL26, 5LL30, 5LL36, 5LL46, 5LL47, 5LL55, 5LL56.

Markem Machine Co., 150 Congress St., Keene, N. H.—5LL1, 5LL3, 5LL7, 5LL22, 5LL27, 5LL30, 5LL38, 5LL40, 5LL52, 5LL54, 5LL58, 5LL60.

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—5LL3, 5LL8, 5LL38.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis. — 5LL1, 5LL6, 5LL7, 5LL13, 5LL33, 5LL36, 5LL42, 5LL46, 5LL58.

○Miehle Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 W. Hastings St., Chicago 8, Ill.—5LL1, 5LL7, 5LL9, 5LL15, 5LL22, 5LL24, 5LL26, 5LL33, 5LL35, 5LL41.

Miller, Hobson, Machinery, Inc., 280 Lafayette St., New York 12, N. Y.—5LL3, 5LL10.

Miller Lauffer Printing Equipment Corp., 280 Lafayette St., New York, N. Y.—5LL10.

Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.—5LL1, 5LL6, 5LL7, 5LL9, 5LL15, 5LL18, 5LL32, 5LL26, 5LL35, 5LL39.

Model Printing Equipment Corp., 1422 Grand St., Hoboken, N. J. 5LL2, 5LL5, 5LL6, 5LL7, 5LL9, 5LL12, 5LL22, 5LL30, 5LL31, 5LL32, 5LL33, 5LL34, 5LL37, 5LL39, 5LL42, 5LL43, 5LL46, 5LL47, 5LL52, 5LL56.

Moore, Kenneth J., & Co., 1778 Estes Ave., Chicago 26, Ill.—5LL1, 5LL2, 5LL7, 5LL10, 5LL30, 5LL32, 5LL36, 5LL42, 5LL46, 5LL56.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa. — 5LL18, 5LL24, 5LL25, 5LL32, 5LL36, 5LL42.

○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—5LL5, 5LL7, 5LL29, 5LL30, 5LL36, 5LL37, 5LL39, 5LL52, 5LL57.

Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.—5LL26, 5LL37.

Nygren-Dahly Co., 1422 W. Altgeld St., Chicago 14, Ill.—5LL46.

OlsenMark Corporation, 124 White St., New York 13, N. Y.—5LL36.

Packer Manufacturing Co., 1222 Veip Ave., Green Bay, Wis.—5LL2, 5LL22, 5LL38, 5LL46, 5LL57.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.—5LL1, 5LL2, 5LL6, 5LL7, 5LL8, 5LL22, 5LL30, 5LL35, 5LL36, 5LL38, 5LL40, 5LL42, 5LL46, 5LL52, 5LL55, 5LL57, 5LL58.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—5LL22, 5LL37, 5LL39.

Peerless Roll Leaf Co., 4511 New York Ave., Union City, N. J.—5LL27, 5LL30.

Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y.—5LL1, 5LL3, 5LL6, 5LL7, 5LL22, 5LL26, 5LL36, 5LL38, 5LL39, 5LL40, 5LL53, 5LL58, 5LL60.

Potdevin Machine Co., 297 North St., Teterboro, N. J.—5LL2, 5LL7, 5LL22, 5LL30.

Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill.—5LL6, 5LL22, 5LL30, 5LL32, 5LL33, 5LL42, 5LL46, 5LL52, 5LL58.

Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5LL1, 5LL32, 5LL34, 5LL42, 5LL52, 5LL57.

Reynolds Printasign Co., 9830 San Fernando Rd., Pacoima, Calif.—5LL36.

○Royal Zenith Corp., 180 Varick St., New York, N. Y.—5LL26.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—5LL1, 5LL36, 5LL40.

Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—5LL1, 5LL3, 5LL26, 5LL30, 5LL42, 5LL52, 5LL57.

Schriber Press Co., 4900 Webster St., Dayton 4, O.—5LL26, 5LL42.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield N. J.—5LL25, 5LL33.

Showcard Machine Co., 1456 Merchandise Mart, Chicago 54, Ill. —5LL36.

Sigwalt Manufacturing Co., 3229 N. Sheffield Ave., Chicago, Ill. —5LL19, 5LL28.

Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.—5LL3.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me.—5LL10.

Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.—5LL1, 5LL30, 5LL32, 5LL35, 5LL36, 5LL39, 5LL42, 5LL46.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.—5LL18, 5LL33, 5LL35.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—5LL6, 5LL33, 5LL46.

Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y.—5LL1, 5LL9, 5LL10, 5LL12, 5LL18, 5LL30, 5LL32, 5LL34, 5LL36, 5LL45, 5LL47, 5LL51.

Thomson - National Press Co., Dean Ave., Franklin, Mass.—5LL6, 5LL19, 5LL21, 5LL28.

○Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.—5LL1, 5LL9, 5LL15, 5LL35.

Trapp & Kuehnle, Inc., 253 Pearl St., New York 38, N. Y.—5LL50.

○**Vandercook & Sons, Inc., 3601 W.** Touhy Ave., Chicago 45, Ill.—5LL56.

○Verner, B., Co., Inc., 52 Duane St., New York 7, N. Y.— 5LL1, 5LL3, 5LL9, 5LL10, 5LL15, 5LL21, 5LL22, 5LL35, 5LL36.

Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo. — 5LL10.

Waldron, John, Corp., River Rd., New Brunswick, N. J.—5LL1, 5LL2, 5LL6, 5LL7, 5LL26, 5LL30, 5LL32, 5LL36, 5LL42, 5LL43, 5LL46.

Webendorfer Company, Saugatuck, Conn.—5LL26, 5LL32, 5LL54.

Western Printing Machinery Co., 3519 N. Spaulding Ave., Chicago 18, Ill.—Color unit for Miehle single color letterpress.

Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.—5LL2, 5LL46.

○**Wood Newspaper Machinery Corp.,** 688 S. Second St., Plainfield, N. J.—5LL7, 5LL24, 5LL25, 5LL33.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill. —5LL1, 5LL3, 5LL4, 5LL6, 5LL11, 5LL15, 5LL18, 5LL20, 5LL21, 5LL22, 5LL23, 5LL24, 5LL26, 5LL28, 5LL29, 5LL30, 5LL33, 5LL34, 5LL36, 5LL37, 5LL38, 5LL39, 5LL40, 5LL43, 5LL46, 5LL47, 5LL48, 5LL49, 5LL51, 5LL52, 5LL53, 5LL59.

Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y. —5LL26.

PROCESS INKS, THREE COLOR
See under Inks 5W.

PUMPS (AIR AND INK) 5JJ

○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.

Bowser, Incorporated, 1302 E. Creighton Ave., Ft. Wayne 2, Ind.

Bump Pump Co., 1830 West Ave., S., La Crosse, Wis.

Coolant Equipment Corp., Verona Ave., Verona, Wis.

Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill. Flexographic and rotogravure.

○**Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.**

Kellogg Div., American Brake Shoe Co., 97 Humboldt St., Rochester 9, N. Y.

Leiman Brothers, Inc., P.O. Box 1339, 146-181 Christie St., Newark 5, N. J.

Lencke Ink Pump Co., P. O. Box 1044, Reading, Pa.

Milwaukee Pump & Tank Works, Inc., 714 E. Nash St., Milwaukee 12, Wis.

Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Parkway, Chicago 14, Ill. Oiling guns.

PUNCHES, PRESS
See Composing Room 1KK.

Q

QUOINS, CHASES AND LOCKUP ACCESSORIES
See Composing Room 1P.

R

RACKS, CABINETS AND CHAIRS
See under Cabinets, Racks and Chairs 5G.

RACKS FOR ROLLERS
See under Cabinets, Racks and Chairs 5G.

RAISED LETTER PRINTING MACHINES AND POWDER 5MM
5MM1 Machines.
5MM2 Supplies.
5MM3 Textile Transfers.

Embossograf Corp. of America, 38 W. 21st St., New York 10, N. Y. —5MM1, 5MM2.

Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y.—5MM1, 5MM2, 5MM3.

○**Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.**

Stokes, A., Co. Stokes Lane, Hudson, O.—5MM1, 5MM2.

Virkotype Corporation, 111 Rock Ave., Plainfield, N. J.—5MM1, 5MM2, 5MM3.

REDUCERS AND MAGNIFYING GLASSES
See Magnifiers 5BB.

REDUCERS FOR PRINTING INKS
See under Inks 5W.

REELS AND TENSIONS
See Paper Reels and Tensions 5GG.

REGISTER AND LINE-UP TABLES
See Composing Room 1P.

REGISTER FORM PRESSES
See under Printing Presses 5LL.

REGISTER TESTERS FOR WEBS, STROBOSCOPE
See under Gauges and Testing Instruments 5U.

REGLET AND FURNITURE
See Composing Room 1L.

REWINDING AND SLITTING EQUIPMENT
See Slitting and Rewinding 5RR.

ROLL FEED PRINTING PRESSES
See under Printing Presses 5LL.

ROLL FORM PRINTING PRESSES
See under Printing Presses 5LL.

ROLL LEAF FEEDERS
See under Feeding, Folding and Delivery 5Q.

ROLL PAPER FEEDERS
See under Feeding, Folding and Delivery 5Q.

ROLLER CONDITIONING DEVICES 5YY

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

ROLLER COOLING FANS
See Fans 5P.

ROLLER GRINDING EQUIPMENT (RUBBER)
See Rubber Roller Grinding Equipment 5OO.

ROLLER RACKS
See under Cabinets, Racks and Chairs 5G.

ROLLER SETTING GAUGES
See under Gauges and Testing Instruments 5U.

ROLLERS 5NN
5NN8 Bearings.
5NN1 Composition.
5NN2 Covered.
5NN3 Hand.
5NN4 Offset.
5NN6 Rubber.
5NN7 Synthetic Resin-like.
5NN5 Vulcanized Oil.

Alico, Incorporated, Montague, Mass.—5NN8.

○**American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.—5NN1,** 5NN2, 5NN3, 5NN4, 5NN6, 5NN7.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.—5NN1, 5NN2, 5NN3, 5NN4, 5NN6, 5NN7. Roller coating machine.

Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7. Roller coating machine.

California Ink Co. Inc., 545 Sansome St., San Francisco 11, Calif. — 5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7, 5NN8.

○Corkpak Company, Inc., 70 Argyle Ave., New Rochelle, N. Y. —5NN1.

○Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.—5NN4, 5NN6, 5NN7.

General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.—5NN4.

Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.—5NN1, 5NN2, 5NN3, 5NN4, 5NN6, 5NN7.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.—5NN4, 5NN6.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—5NN4, 5NN6.

Hamilton Manufacturing Co., 1316 —18th St., Two Rivers, Wis.—5NN3.

Hart, William C., Co., Inc., 137 Greene St., New York 12, N. Y. —5NN1, 5NN2, 5NN6, 5NN7.

Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La.—5NN4, 5NN7.

○**Ideal Roller & Mfg. Co., Inc.,** 2512 W. 24th St., Chicago 8, Ill.—5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7. Roller sectioning machine. Roller coating machine.

Lumirol Corporation, 41 W. 25th St., New York 10, N. Y.—5NN7.
Maigne, O. J., Co., 321 Pearl St., New York 38, N. Y.—5NN1, 5NN2, 5NN4, 5NN5, 5NN7.
McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.—5NN6.
Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.—5NN1.
Moreland Corporation, The, York and Fitzwatertown Rds., Willow Grove, Pa.—5NN6.
○Niles & Nelson, Inc., 75 West St., New York 6, N. Y.—5NN6.
Ohio Roller Co., Inc., 4408 Detroit Ave., Cleveland 13, O.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7.
○Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7.
Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J.—5NN4, 5NN6.
○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.—5NN6, 5NN7.
○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J. Fabric covering for composition rollers.
SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 32, Pa.—5NN8.
Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.—5NN3.
Twin City Printers Roller Mfg. Co., 505 S. Third St., Minneapolis 15, Minn.—5NN1.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—5NN6.
Vogt Roller Co., Inc., 222 S. 12th St., Louisville 3, Ky.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6, 5NN7.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.—5NN1, 5NN2, 5NN3, 5NN4, 5NN5, 5NN6.
Winn & Goodman, 440 Sansome St., San Francisco 11, Calif.—5NN1, 5NN3.

ROLLER WASHES 5GGG
○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.
Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

ROLLER TRUCKS
See under Fountains and Accessories 5S.

ROTARY PRESS CUTTERS 5CCC
5CCC1 Die Cutting Cylinders.
5CCC2 Sheeters.
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.—5CCC1, 5CCC2.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—5CCC2.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.—5CCC2.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—5CCC1, 5CCC2.

ROTARY PRINTING PRESSES
See under Printing Presses 5LL.

ROTOGRAVURE INKS
See under Inks 5W.

ROTOGRAVURE PRINTING PRESSES
See under Printing Presses 5LL.

RUBBER ROLLER GRINDING EQUIPMENT 5OO
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.
LeBlond, The R. K., Machine Tool Co., Madison and Edwards Rds., Cincinnati 8, O.

RUBBER ROLLERS
See under Rollers 5NN.

S

SAFETY CANS
See Composing Room 1Y.

SAFETY GUARDS 5QQ
Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.

SALES BOOK PRINTING PRESSES
Business Forms Equipment 8U1.

SCALES FOR PAPER SHEETS
See under Gauges and Testing Instruments 5U.

SCLEROSCOPE
See under Gauges and Testing Instruments 5U.

SCORING, PERFORATING AND SLITTING ATTACHMENTS
See Perforating, Slitting and Scoring 5FF.

SEATS AND STOOLS
See under Cabinets, Racks and Chairs 5G.

SECTIONAL PLATE MOUNTING SYSTEMS
See Composing Room 1U.

SHEET CLEANERS
See Paper Cleaners 5AAA.

SHEET FEED PRESSES
See under Printing Presses 5LL.

SHEET HEATERS
See under Heaters and Neutralizers 5V.

SHEETS, DRAW
See under Cylinder and Tympan Packing 5L.

SLITTING AND REWINDING EQUIPMENT 5RR
Alico, Incorporated, Montague, Mass.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
Bagley & Sewall Co., Div. Black Clawson, 101 Pearl St., Watertown, N. Y.
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
Cameron Machine Co., Dover, N. J.
○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.
○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.
Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa. Knives only.
Doven Division, Appleton Machine Co., 618 S. Oneida St., Box 468, Appleton, Wis.
○Gegenheimer, Wm., Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa. Webaligner.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.
Johnstone Engineering and Machine Co., First Ave. and Gay St., Parkesburg, Pa.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
Manhasset Machinery Co., 409 Bayview Ave., Amityville, N. Y.
Mercury Engineering Co., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
Waldron, John, Corp., River Rd., New Brunswick, N. J.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.
Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

SLITTING, PERFORATING AND SCORING ATTACHMENTS
See Perforating, Slitting and Scoring 5FF.

SNAPOUT PRESSES
See Printing Presses 5LL.

SPECIALTY INKS
See under Inks 5W.

SPECIALTY PRINTING PRESSES
See under Printing Presses 5LL.

SPEED INDICATORS
See under Gauges and Testing Instruments 5U.

SPLICING COMPOUND
See under Adhesives 5A.

STATIC ELIMINATORS
See Heaters and Neutralizers, Pressroom 5V.

STOOLS AND SEATS
See under Cabinets, Racks and Chairs 5G.

STRENGTH GAUGES FOR PAPER
See under Gauges and Testing Instruments 5U.

STROBOSCOPE
See under Gauges and Testing Instruments 5U.

SUPPLIES 5WW
5WW1 Rotary Press Knives.
5WW2 Slitters.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.—5WW2.
Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O.—5WW2.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.
Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.—5WW1.

SYNTHETIC RESIN-LIKE ROLLERS
See under Rollers 5NN.

T

TABLES, LINE-UP AND REGISTER
See Composing Room 1P.

TACHOMETERS
See under Gauges and Testing Instruments 5U.

TAG PRINTING PRESSES
See under Printing Presses 5LL.

TAPE
See under Belts, Belting and Tape 5D.

TAPE CEMENT
See under Adhesives 5A.

TAPE MOISTENERS
See Mailing and Shipping 7J.

TAPE PRINTING PRESSES
See under Printing Presses 5LL.

TEMPERATURE INDICATORS
See Miscellaneous 8A.

TENSIONS AND REELS
See Paper Reels and Tensions 5GG.

TEXTILE TRANSFERS
See Raised Letter Printing Machines and Powders 5MM.

TEXTILE TRANSFER INK
See under Ink 5W.

THERMOGRAPHY MACHINES AND POWDERS
See Raised Letter Printing Machines 5MM.

THICKNESS GAUGES FOR PAPER
See under Gauges and Testing Instruments 5U.

THREE-COLOR PROCESS INKS
See under Inks 5W.

TICKET PRINTING PRESSES
See under Printing Presses 5LL.

TIERING MACHINES AND PAPER LIFTS
See Paper Cutting and Processing 4D.

TOOL CABINETS
See under Cabinets, Racks and Chairs 5G.

TOOLS 5TT
5TT1 Ink Knives.
5TT2 Makeready Knives.
5TT3 Overlay Knives.
5TT4 Platemakers Tools.
Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.—5TT4.
Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y.—5TT1, 5TT2.
○General Plate Makers Supply Co., 5441 N. Kedzie Ave., Chicago 25, Ill.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5TT1, 5TT4.
○Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.
Lamson & Goodnow Mfg. Co., 45 Conway St., Shelburne Falls, Mass.—5TT1, 5TT2, 5TT3.
Mark Specialty Co., 183 St. Paul St., Rochester 4, N. Y.—5TT1, 5TT2, 5TT3.
○Rouse, H. B., & Co., 2214 North Wayne Ave., Chicago 14, Ill. Tympan stabber.
○Wesel Manufacturing Co., 1141 N. Washington Ave., Scranton 9, Pa.—5TT4.

TRANSFERS, TEXTILE
See under Raised Letter Printing Machines and Powders 5MM.

TRUCKS 5UU
Form, See Composing Room 1DD.
Form Lifts, See Composing Room 1DD.
Plate, See Stereotyping 2G37.
5UU1 Newsprint.
5UU2 Paper Roll.
5UU3 Paper Tiering.
See also Paper Cutting and Processing 4D.
Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O.
Barrett-Cravens Co., 630 Dundee Rd., Northbrook, Ill.—5UU1, 5UU2.
Clark Equipment Co., Industrial Truck Div., 24th St., Battle Creek 151, Mich.—5UU1, 5UU2, 5UU3.
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.—5UU1, 5UU2, 5UU3.
Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.—5UU1, 5UU2, 5UU3.

Elwell-Parker Electric Co., 4547 St. Clair Ave., Cleveland 3, O.—5UU1, 5UU2, 5UU3.
Equipto, 401 S. Highland, Aurora, Ill.
Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y.—5UU1, 5UU2.
○Gifford-Wood Co., One Hudson Ave., Hudson, N. Y.—5UU1, 5UU2.
Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.—5UU1, 5UU2, 5UU3.
○Jampol Company, Inc., The, 728 61st St., Brooklyn 20, N. Y.—5UU1, 5UU2, 5UU3.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.—5UU1, 5UU2.
Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.—5UU1, 5UU2, 5UU3.
Mercury Manufacturing Co., 4710 W. Division St., Chicago, Ill.
National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.
Norman, William A., 1133 E. 63rd St., Chicago 37, Ill.—5UU1, 5UU2.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5UU2.
Raymond Corporation, The, 160 Madison Ave., Greene, N. Y.—5UU1, 5UU2, 5UU3.
Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.—5UU1, 5UU2, 5UU3.
Yale & Towne Mfg. Co., 11000 Roosevelt Ave., Philadelphia 15, Pa.—5UU1, 5UU2, 5UU3.

TRUCKS, PAPER
See Paper Cutting and Processing 4D.

TYMPAN PAPER
See under Cylinder and Tympan Packing 5L.

TYPE HIGH GAUGES
See under Gauges and Testing Instruments 5U.

TYPE WASHES
See Composing Room 1FF.

TYPEWRITER RIBBON ATTACHMENTS FOR PLATEN PRESSES
See under Printing Presses 5LL.

V

VARIABLE SPEED (Drives) 5KK
See under Drives, Variable Speed 5KK.

VARNISHING MACHINES
See under Miscellaneous 8G.

VIBRATORS FOR INK ROLLERS
See under Fountains and Accessories 5S.

W

WASHES FOR TYPE
See Composing Room 1FF.

WASHUP DEVICES 5ZZ
5ZZ3 Fountain.
5ZZ1 Letterpress.
5ZZ2 Offset and Rotary.
Fergusson, Alex. C., Co., 44 E. Oregon Ave., Philadelphia 48, Pa.—5ZZ1, 5ZZ2.
○Gegenheimer, Wm., Co., Inc., 80 Roebling St., Brooklyn 1, N. Y.—5ZZ2, 5ZZ3.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5ZZ2.
Rogers, Harry H., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.—5ZZ2.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 5, Ill.—5ZZ2.
Yeager Newspaper Machinery Supply Co., P.O. Box 3974, San Juan, Puerto Rico. Fountain cleaner.—5ZZ3.

WASTE PAPER BALERS
See Miscellaneous 8L.

WASTE SAFETY CANS
See Safety Cans 5PP.

WATER COLOR INKS
See under Inks 5W.

WEBBING
See under Belts, Belting and Tapes 5D

WEB PRINTING PRESSES
See under Printing Presses 5LL.

WEB CONTROLS 5BBB
5BBB2 Feeding, Folding and Delivery.
5BBB1 Press Register Controls.
5BBB3 Web Control Systems.
5BBB4 Web Splicers.
Cameron Machine Co., Dover, N. J.—5BBB1.
○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.—5BBB1, 5BBB3.
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.—5BBB1.
○Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.—5BBB3.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—5BBB3.
Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.—5BBB1.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.—5BBB1.
○Hoe R., & Co., Inc., 910 E. 138th St., New York 54, N. Y.—5BBB1.
Huck Company, 72 W. 45th St., New York 36, N. Y.—5BBB1, 5BBB2, 5BBB3.
○Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.—5BBB3.
Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.—5BBB1.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—5BBB1.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.—5BBB4.
Waldron, John, Corp., River Rd., New Brunswick, N. J.—5BBB3.

WEB REGISTER TESTING DEVICES, STROBOSCOPES
See under Gauges and Testing Instruments 5U.

WIPER SAFETY CANS
See Safety Cans 5PP.

WIPING CLOTHS 5VV.
American Cotton Products Co., 2516 S. Damen Ave., Chicago 8, Ill.
American Sanitary Rag Co., 330 W. 37th St., Chicago, Ill.
Atlas Sponge Co., 2520 S. Damen Ave., Chicago 8, Ill.
Callaway Mills, 295 Fifth Ave., New York 16, N. Y.
Columbia Wiping Cloth Co., 1720 Wabash Ave., Kansas City 1, Mo.
Maryland Wiping Cloth Co., 1810 Worcester St., Baltimore 30, Md.
National Wiping Cloth Co., 2519 N. Second St., Philadelphia, Pa.
Ohio Wiping Cloth Mfg. Co., The, 1600 Woodland Ave., Cleveland 15, O.
Sanitary Wiping Cloth Co., 1550 Ridgley St., Baltimore 30, Md.
Standard Rewashed Wipers Co., 3120 Shields Ave., Chicago, Ill.
Standard Wiping Materials, 645 Dean St., Brooklyn 38, N. Y.
U. S. Wiping Cloth Co., Third and Lynch Sts., St. Louis 18, Mo.

***Printing Production* Filing System**

6 — Bindery Index

HOW TO USE THIS INDEX—This Bindery Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR BINDERY INDEX

- **6A** Adhesives
- **6B** Binding Materials
  - 6B6 Banding
  - 6B1 Cloth
  - 6B2 Leather
  - 6B3 Leather Substitutes
  - 6B7 Plastic
  - 6B4 Tape
  - 6B5 Thread and Twine
- **6C** Board Bevelers
- **6QQ** Book Covering Machines
- **6SS** Book Jacketing Machines
- **6D** Book Smashing and Compressing Machines
- **6TT** Building-in Machines
- **6E** Case Machines
  - 6E1 Case Back Forming
  - 6E2 Case Bending
  - 6E3 Case Feeding
  - 6E4 Case Making
- **6L** Collating Machines
  - 6L1 Automatic
  - 6L2 Automatic with Envelope Stuffing Mechanism
  - 6L3 Semi-Automatic
  - 6L4 Business Forms
  - 6L5 Collating and Stitching
  - 6L6 Hand
- **6F** Continuous Trimmers
- **6XX** Counters
  - 6XX1 Batch
  - 6XX2 Counter and Stacker
- **6G** Crimping, Creasing and Scoring Machines
- **6OO** Deckling, Pebbling and Roughing Machines
  - 6OO1 Deckling
  - 6OO2 Pebbling
  - 6OO3 Roughing
- **6LL** Die Cutting Machines (Hollow Die)
- **6H** Drilling and Drill Slotting Machines
- **6J** Eyeletting Machines
- **6WW** Flocking Machines
- **6K** Foil and Leaf
- **6KK** Folding Machines
  - 6KK1 Circular Letter Folders
  - 6KK2 Folding Machines
  - 6KK3 Magazine Folders
  - 6KK4 Newspaper Folders
  - 6KK5 Specialty Folders
- **6PP** Folding Machine Counters
- **6M** Gluing and Pasting Equipment
  - 6M1 Glue Pots and Kettles
  - 6M2 Gluing
  - 6M3 Gumming
  - 6M10 Hot Melt Binding
  - 6M4 Labeling
  - 6M5 Lining
  - 6M6 Mounting
  - 6M7 Paper Covering
  - 6M8 Pasting
  - 6M9 Stripping
  - 6M11 Turning-in Machine
- **6UU** Gluing Off and End Sheet Machines
- **6N** Knotting, Looping and Stringing Machines
- **6ZZ** Laminating Equipment
- **6JJ** Loose Leaf Binders and Parts
- **6MM** Metal Edging Machines
- **6O** Motors and Controls
- **6P** Paging and Numbering Machines
- **6Q** Patch Machines
- **6R** Perforating Machines
- **6S** Perforating, Punching and Round Cornering Machines
- **6T** Presses
  - 6T1 Backers
  - 6T2 Banding and Bundling
  - 6T3 Die Stamping
  - 6T4 Embossing
  - 6T10 Gold Stamping
  - 6T9 Padding
  - 6T5 Pallet
  - 6T6 Plate
  - 6T7 Standing
  - 6T8 Tabbing
- **6HH** Process Binding
  - 6HH1 Machines
  - 6HH2 Materials
- **6NN** Register Controls, Web
  - 6NN1 Web Register Control
  - 6NN2 Feeding, Folding and Delivery
- **6U** Round Corner Cutters
- **6V** Rounding and Backing Machines
- **6W** Ruling Machines and Accessories
- **6RR** Saws, Band, for Gang Work
- **6X** Sewing Machines
  - 6X1 Machines
  - 6X2 Needles
- **6Y** Shears and Blades
  - 6Y2 Blades
  - 6Y1 Shears
- **6VV** Signature Notcher
- **6Z** Slitting and Rewinding Machines
- **6AA** Stabbing Machines
- **6BB** Stapling Machines
  - 6BB1 Machines
  - 6BB2 Wire
- **6CC** Stitching Machines
  - 6CC1 Machines
  - 6CC2 Wire
- **6DD** Supplies
  - 6DD1 Index Tabs
- **6EE** Tables
  - 6EE1 Gathering
- **6GG** Tipping Machines
- **6FF** Tools, Hammers, Bone Folders, Polishers, etc.
- **6YY** Trimmers, Publication

BINDERY EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

○Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

ADHESIVES 6A

○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.

Burrage Glue Co., 15 Vandewater St., New York 38, N. Y.

Champion Manufacturing Co., 800 N. Brevard St., Charlotte 6, N. C.

Cooper, Peter, Corporations, Palmer St., Gowanda, N. Y.

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Federal Adhesives Corp., Sub. Morningstar-Paisley, Inc., 210 Wythe Ave., Brooklyn 11, N. Y.

Gane Brothers & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

Green's Paste Works, 200 Liverpool Rd., P.O. Box 7, Salina Sta., Syracuse 8, N. Y.

Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L. I., N. Y.

Johnson, Wm. R., Co., Inc., 3131 Western Ave., Seattle 1, Wash.

Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo.

Manhattan Paste & Glue Co., Inc., 425 Greenpoint Ave., Brooklyn 22, N. Y.

Merritt Products Co., 1747 Chester Ave., Cleveland 14, O.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.

Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.

National Adhesives Div., National Starch Products, Inc., 750 Third Ave., New York, N. Y.

Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.

Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.

Twin City Printers Roller Mfg. Co., 505 S. Third St., Minneapolis 15, Minn.

Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

Winn & Goodman, 440 Sansome St., San Francisco 11, Calif.

ASSEMBLING MACHINES

See Gathering Machines 6L.

AIR CONDITIONING

See Air Conditioning Equipment and Supplies 8A.

AUTOMATIC CUTTING MACHINES

See Paper Cutting and Processing 4F.

B

BACKING PRESSES

See under Presses 6T.

BACKING AND ROUNDING MACHINES

See under Rounding and Backing Machines 6V.

BALERS, WASTE PAPER

See Waste Paper Balers 8L.

BANDING AND BUNDLING PRESSES

See under Presses 6T.

BEVELERS, BOARD

See Board Bevelers 6C.

BINDING MATERIALS 6B

6B6 Banding.
6B1 Cloth.
6B2 Leather.
6B3 Leather Substitutes.
6B7 Plastic.
6B4 Tape.
6B5 Thread and Twine.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.—6B1, 6B2, 6B3, 6B4.

Du Pont, E. I., de Nemours & Co., Corner Tenth and Market Sts., Wilmington 98, Del.—6B1, 6B7.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6B1, 6B2, 6B3, 6B4, 6B5, 6B6, 6B7.

Griffin, Campbell Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—6B1, 6B2, 6B3, 6B4, 6B5.

Gummed Tape & Devices Co., 1069 Rogers Ave., Brooklyn 26, N. Y. —6B4.
Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill.—6B1, 6B4.
Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.—6B4.
Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill.—6B7.
Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y.—6B7.
Transilwrap Company, 2247 N. Clark St., Chicago 40, Ill.—6B7.
Uni-Mark, Inc., 23 E. 26th St., New York, N. Y.—6B3.
United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.—6B3.

BLADES FOR SHEARS
See under Shears and Blades 6Y.

BLOWERS, PORTABLE
See Composing Room 1D.

BOARD BEVELERS 6C
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

BONE FOLDERS
See Tools 6FF.

BOOK COMPRESSORS
See under Book Smashing and Compressing Machines 6D.

BOOK COVERING MACHINES 6QQ
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

BOOK JACKETING MACHINES 6SS
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

BOOK SMASHING AND COMPRESSING MACHINES 6D.
Berry Machine Co., 716 N. First St., St. Louis 2, Mo.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

BRASS TYPE
See Composing Room 1EE.

BUILDING-IN MACHINE 6TT
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.
○Dexter Co., The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

BUNDLING AND BANDING PRESSES
See under Presses 6T.

C

CANS, SAFETY
See Composing Room 1Y.

CASE MACHINES 6E
6E1 Case Back Forming.
6E2 Case Bending.
6E3 Case Feeding.
6E4 Case Making.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6E4.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.—6E4.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6E1, 6E2, 6E4.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—6E1, 6E3, 6E4.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.—6E2.

CLOTH
See Binding Materials 6B.

COLLATING MACHINES 6L
6L1 Automatic.
6L2 Automatic with Envelope Stuffing Mechanism.
6L4 Business Forms.
6L5 Collating and Stitching.
6L6 Hand.
6L3 Semi-Automatic.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. —6L1, 6L4.
Collamatic Corporation, State Hwy. No. 23, Wayne, N. J.—6L1, 6L5.
Cummington Corporation, 718 Beacon St., Boston 15, Mass.—6L1.
Davidson Perforator Co., P.O. Box 191, East Berlin, Conn.—6L1, 6L6.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.—Insetting Machine.—6L1, 6L3, 6L5.
○Didde-Glaser, Inc., Hi-Way 50 & West 12th Ave., Emporia, Kan.—6L1, 6L3, 6L4, 6L5.
○Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—6L4.
Evans Specialty Co., 2401 Venable St., Richmond 23, Va.—6L6.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6L1, 6L6.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.—6L1, 6L4.
Macey Company, Sub. of Harris-Intertype Corp., 5350 W. 130th St., Cleveland 30, O.—6L1, 6L2, 6L5.
Manhasset Machine Co., 409 Bayview Ave., Amityville, N. Y. —6L4.
Mendes, J. Curry, Corp., 1 Curry Lane, Canton, Mass.—6L1, 6L4, 6L6.
○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—6L4.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.
Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.—6L1, 6L2, 6L5.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—6L1, 6L4.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—6L1, 6L2.
Pugliisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
○Rosback, F. P., Co., 5th and Park Sts., Benton Harbor, Mich.—6L5.
Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—6L4.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —6L1, 6L5.
Thomas Collators, Inc., 50 Church St., New York 7, N. Y.—6L3, 6L6.

CONFETTI MACHINES
See Perforating, Punching and Round Cornering Machines 6S. Also slitting and Rewinding Machines 6Z.

CONTINUOUS TRIMMERS 6F
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

CONTROLS FOR MOTORS
See Motors and Controls 6O.

CONVEYORS
See Mailing and Shipping 7O.

COUNTERS 6XX
6XX1 Batch
6XX2 Counter and Stacker
○Cheshire, Inc., 1644 N. Honore St., Chicago 22, Ill.
Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.
Popular Mechanics Co., Attn: William H. Taylor, 200 E. Ontario St., Chicago 11, Ill.
Potter Instrument Co., Inc., 115 Cutter Mill Rd., Great Neck.
○Sheridan, T. W. & C. B., 220 Church St., New York 13, N. Y. —6XX2.

COUNTERS, AND NUMBERING MACHINES
See Pressroom 5HH.

COUNTERS, PRESS
See Pressroom 5HH.

CREASING MACHINES
See under Crimping, Creasing and Scoring Machines 6G.

CRIMPING, CREASING, SCALLOPING AND SCORING MACHINES 6G
○**Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.**
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index).
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.
OisenMark Corporation, 124 White St., New York 13, N. Y.
Potdevin Machine Co., 297 North St., Teterboro, N. J.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.
Thomson-National Press Co., Dean Ave., Franklin, Mass.

CUTTERS, PAPER
See Paper Cutting and Processing 4F.

CUTTERS, ROUND CORNER
See Round Corner Cutters 6U.

D

DATING MACHINES
See Composing Room 1H.

DECKLING, PEBBLING AND ROUGHING MACHINES 6OO
6OO1 Deckling.
6OO2 Pebbling.
6OO3 Roughing.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—6OO2, 6OO3.
Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—6OO2, 6OO3.
Waldron, John, Corp., River Rd., New Brunswick, N. J. — 6OO2, 6OO3.

DIE CUTTING MACHINES (HOLLOW DIE) 6LL
○Heidelberg Automatic Presses (See Manufacturers', Suppliers' and Dealers' Index).
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
Thomson-National Press Co., Dean St., Franklin, Mass.

DIE STAMPING PRESSES
See under Presses 6T.

DRILLING AND DRILL SLOTTING MACHINES 6H
○**American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.**
Berry Machine Co., 716 N. First St., St. Louis 2, Mo.
Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Mick, Walter K., Co., 500 Roberts St., St. Paul 1, Minn.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.
Nygren-Dahly Co., 1422 W. Altgeld St., Chicago 14, Ill.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
○Rosback, F. P., Co., 5th and Park Sts., Benton Harbor, Mich.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, O.

E

EMBOSSING PRESSES
See under Presses 6T.

EYELETTING MACHINES 6J
○Graeber Stringing & Wiring Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mated, Calif.
United Shoe Machinery Corp., 140 Federal St., Boston 7, Mass.

F

FEEDERS, ROLL LEAF
See Pressroom 5Q.

FLOCKING MACHINES 6WW
Waldron, John, Corp., River Rd., New Brunswick, N. J.

FOIL AND LEAF 6K
Ackerman-Gould Co., 92 Bleecker St., New York 12, N. Y.
All Purpose Gold Corp., 320 Bridge St., Brooklyn 1, N. Y.
All Purpose Roll Leaf Corp., 37 West Century Rd., Paramus, N. J.
Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
General Roll Leaf Mfg. Co., 85-06 —57th Ave., Elmhurst 73, N. Y.
Gold Leaf & Metallic Powders Inc., 145 Nassau St., New York 38, N. Y.
Grauert, Ralph W., 100 Gold St., New York 38, N. Y.
Griffin Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.
Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville Sta. G, Fla.
Hastings & Co., Inc., 2314 Market St., Philadelphia 3, Pa.
OisenMark Corporation, 124 White St., New York 13, N. Y.
Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.
Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.
Solar Gold Leaf Co., 216 Alabama St., Brooklyn 7, N. Y.
Steel City Printing Ink Co., 281 Corliss St., Pittsburgh 20, Pa.
Wehrung & Billmeier Co., 3624 Lincoln Ave., Chicago 13, Ill.
Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

FOLDERS, BONE
See Tools 6FF.

FOLDING MACHINES 6KK
6KK1 Circular Letter Folders.
6KK2 Folding Machines.
6KK3 Magazine Folders.
6KK4 Newspaper Folders.
6KK5 Specialty Folders.
Addressograph - Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.—6KK1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—6KK2.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—6KK3.
Babcock Printing Press Co., 800 Waynesburg Rd., S.E., Canton 7, O.—6KK3.
○Baum, Russel Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa.—6KK1 6KK2, 6KK3, 6KK4, 6KK5.
Brown Folding Machine Co., 3767 Chester Ave., Cleveland 14, O.—6KK2, 6KK5.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—6KK2.
○Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.—6KK5.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.—6KK2, 6KK3, 6KK4, 6KK5.
Dietz Machine Works, 126 W. Fontain St., Philadelphia 22, Pa.—6KK2.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—6KK2.
Mendes, J. Curry, Corp., One Curry Lane, Canton, Mass.—6KK2.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—6KK5.
Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb.—6KK4.
Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa.—6KK3.
○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.—6KK5.
Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.—6KK1, 6KK2, 6KK3.
Pitney-Bowes, Inc., Walnut and Pacific St., Stamford, Conn.—6KK1, 6KK2.
Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—6KK5.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.—6KK5.
Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, O.—6KK2.

FOLDING MACHINE COUNTERS 6PP
Durant Manufacturing Co., 1988 N. Buffum St., Milwaukee 1, Wis.
Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.
Miller, Hobson, Machinery, Inc., 280 Lafayette St., New York 12, N. Y.
Munro, W. L., 401 Broadway, New York 13, N. Y.

G

GATHERING MACHINES
See Collating Machines 6L.

GATHERING TABLES
See under Tables 6EE.

GAUGE PINS
See Pressroom 5F.

GLUE
See Adhesives 6A.

GLUING AND PASTING EQUIPMENT 6M
6M1 Glue Pots and Kettles.
6M2 Gluing.
6M3 Gumming.
6M10 Hot Melt Binding.
6M4 Labeling.
6M5 Lining.
6M6 Mounting.
6M7 Paper Covering.
6M8 Pasting.
6M9 Stripping.
Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass.—6M1.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—6M1, 6M9.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—6M8.
Brackett Stripping Machine Co., The, 505 Jackson St., Topeka, Kan.—6M9.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6M2.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.—6M2, 6M10.
○Didde-Glaser, Inc., Hi-Way 50 & W. 12th Ave., Emporia, Kan.—6M2.
Dietz Machine Works, 126 Fontain St., Philadelphia 22, Pa.—6M2.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.—6M9.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Grammes, L. F., & Sons, 346 Union St., Allentown, Pa. Metal edging machines.—6M2, 6M3.
Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.—6M3.
Hold Heet Products Co., 905 Belmont St., Chicago 14, Ill.—6M1.
Mendes, J. Curry, Corp., One Curry Lane, Canton, Mass.—6M2.
Merz-Vonder Haar Co., 809 Walnut St., Cincinnati 2, O.—6M11.
Moore, Kenneth J., & Co., 1778 Estes Ave., Chicago 26, Ill.—6M1, 6M2, 6M4.
Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.—6M7, 6M9.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.—6M2.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—6M2, 6M3, 6M4, 6M8.
Schaefer Machine Co., 145 Front St., Bridgeport 6, Conn.—6M2.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—6M10.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.
Sta Warm Electric Co., 553 N. Chestnut St., Ravenna, O.—6M1.
Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y.—6M9.
Waldron, John, Corp., River Rd., New Brunswick, N. J.—6M2, 6M3.

GLUING OFF AND END SHEET MACHINES 6UU
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

GOLD FOIL
See Foil 6K.

GUMMING EQUIPMENT
See under Gluing and Pasting Equipment 6M.

H

HAMMERS
See Tools 6FF.

HAND POLISHERS
See Tools 6FF.

I

IMITATION FOIL
See Foil 6K.

INDEX TABS
See Supplies 6DD.

INSERTING ATTACHMENT
See Ruling Machines 6W.

INSERTING MACHINES, NEWSPAPER
See Mailing and Shipping 7D.

J

JOGGING MACHINES
See Pressroom 5Z.

K

KETTLES AND POTS FOR GLUE
See under Gluing and Pasting Equipment 6M.

KNOTTING, LOOPING AND STRINGING MACHINES 6N
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y.
○Graeber Stringing & Wire Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J.
National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich.
Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.

L

LABELING MACHINES
See under Gluing and Pasting Equipment 6M.

LAMINATING EQUIPMENT 6ZZ
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.
Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill.
Rotobond Company, P.O. Box 69, Bound Brook, N. J.

LEATHER SUBSTITUTES
See Binding Materials 6B.

LETTERING PALLETS
See under Presses 6T.

LIFT TRUCKS
See Paper Cutting and Processing 4D.

LINING MACHINES
See under Gluing and Pasting Equipment 6M.

LOOPING, KNOTTING AND STRINGING MACHINES
See Knotting, Looping and Stringing Machines 6N.

LOOSE LEAF BINDERS AND PARTS 6JJ
Aigner, G. J., Co., 426 S. Clinton St., Chicago 7, Ill.
Shyers Bookbinding Corp., 212 Johnson Ave., Newark 8, N. J.
Sloves Mechanical Binding Corp., 601 W. 26th St., New York 13, N. Y.
○Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.
Tenacity Manufacturing Co., Cooper and Hosea Sts., Lockland 15, O.

M

METAL EDGING MACHINES 6MM
Grammes, L. F., & Sons, 346 Union St., Allentown, Pa.
Stuebing Automatic Machine Co., 3424 Beekman St., Cincinnati 23, O.

MOTORS AND CONTROLS 6O
Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.
Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass.
Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill.
Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O.
U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

MOUNTING MACHINES
See under Gluing and Pasting Equipment 6M.

N

NEEDLES FOR SEWING MACHINES
See Sewing Machines 6X.

NUMBERING AND COUNTING MACHINES
See Pressroom 5HH.

NUMBERING AND PAGING MACHINES
See Paging and Numbering Machines 6P.

NUMBERING MACHINES
See Composing Room 1H.

P

PAGING AND NUMBERING MACHINES 6P
American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.
○Force, Wm. A., & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.
Roberts Numbering Machine Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.

PALLET PRESSES
See under Presses 6T.

PAPER BALERS
See Waste Paper Balers 8L.

PAPER CUTTERS
See Paper Cutting and Processing 4F.

PAPER RULING MACHINES
See Ruling Machines and Accessories 6W.

PASTE
See Adhesives 6A.

PASTING AND GLUING EQUIPMENT
See Gluing and Pasting Equipment 6M.

PASTING MACHINES
See under Gluing and Pasting Equipment 6M.

PATCH MACHINES 6Q
○Graeber Stringing & Wiring Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J. Patch and eyeletting machine.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

PERFORATING MACHINES 6R
American Perforator Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y.

○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Davidson Perforator Co., P.O. Box 191, East Berlin, Conn.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn. For stamps and coupons.
Nygren-Dahly Co., 1422 W. Altgeld St., Chicago 14, Ill.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.
○Rosback, F. P., Co., 5th and Park Sts., Benton Harbor, Mich.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

PERFORATING, PUNCHING AND ROUND CORNERING MACHINES 6S
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
General Binding Corp., 812 W. Belmont Ave., Chicago 14, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Mick, Walter K., Co., 500 Robert St., St. Paul 1, Minn.
Nygren-Dahly Co., 1422 W. Altgeld St., Chicago 14, Ill.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.
○Rosback, F. P., Co., 5th and Park Sts., Benton Harbor, Mich.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.
Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y.
Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, O.

PLATE PRESSES
See under Presses 6T.

PLATFORM TRUCKS
See Paper Cutting and Processing 4D.

POTS AND KETTLES, GLUE
See under Gluing and Pasting Equipment 6M.

PRESSES 6T
6T1 Backers.
Baling.
See Waste Paper Balers 8L.
6T2 Banding and Bundling.
6T3 Die Stamping.
6T4 Embossing.
6T10 Gold Stamping.
6T9 Padding.
6T5 Pallet.
6T6 Plate Printing.
See also Pressroom 5N and 5LL.
6T7 Standing.
6T8 Tabbing.
Ackerman-Gould Co., 92 Bleecker St., New York 12, N. Y.—6T3, 6T4.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.—6T2, 6T8.
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—6T4.
Berlin & Jones Co., 601 W. 26th St., New York 1, N. Y.—6T2.
Berry Machine Co., 716 N. First St., St. Louis 2, Mo.—6T7.
Brandtjen & Kluge, Inc., Gaultier at Como, St. Paul 3, Minn.—6T3, 6T4.
Champion Manufacturing Co., 800 N. Brevard St., Charlotte 6, N. C.—6T9.
○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.—6T3, 6T4.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—6T4.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6T1.
Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.—6T3.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.—6T1, 6T2, 6T3, 6T4.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
Dollahite, K. J. Co., 106 W. 15th St., Ft. Worth 2, Tex.—6T9.
Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass.—6T4, 6T10.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6T1, 6T2, 6T3, 6T4, 6T5, 6T6, 6T7, 6T8, 6T9, 6T10.
Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 4723 S. Richmond St., Chicago, Ill.—6T2.
Gibson-Morrow Specialties, 6333 S. Ashland Ave., Chicago 36, Ill.—6T9.
Grauert, Ralph W., 100 Gold St., New York 38, N. Y.—6T3.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.—6T10.
Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville Sta. G, Fla.—6T4, 6T10.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—6T1, 6T3, 6T4.
○Heidelberg Automatic Presses (See Manufacturers', Suppliers', and Dealers' Index)—6T3, 6T4.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.—6T1, 6T2, 6T5, 6T7.
Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—6T2, 6T4.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—6T4.
OlsenMark Corporation, 124 White St., New York 13, N. Y.—6T4, 6T10.
Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J.—6T4, 6T10.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—6T4.
Renz, Fred, & Sons, Inc., 7025—83rd St., Glendale, L. I. 27, N. Y.—6T2.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—6T1, 6T3, 6T4.
Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y.—6T4, 6T10.
Telemat Corporation, 21 Lafayette St., Worcester 8, Mass.—6T9.
Thomson - National Press Co., Dean Ave., Franklin, Mass.—6T3, 6T4.
Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.—6T10.

PROCESS BINDING 6HH
6HH1 Machines.
6HH2 Materials.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y. Hot melt binding.
General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.—6HH1, 6HH2.
Nygren-Dahly Co., 1422 W. Altgeld St., Chicago 14, Ill. Punch heads for various systems, punch blocks for various sizes and styles of holes.
Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill.—6HH1, 6HH2.
Reeve Electronics, Inc., 605 W. Lake St., Chicago 6, Ill.
Sloves Mechanical Binding Co., 601 W. 26th St., New York 13, N. Y.
Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y.
Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y.—6HH1, 6HH2.

PRESSES, BALING
See Waste Paper Balers 8L.

PRINTING PRESSES
See under Pressroom 5LL.

PUNCHING, PERFORATING AND ROUND CORNERING MACHINES
See Perforating, Punchings and Round Cornering Machines 6S.

R

RECORDERS, TIME CLOCK
See Miscellaneous 8J.

REGISTER CONTROLS, WEB 6NN
6NN2 Feeding, Folding and Delivery.
6NN1 Web Register Controls.
○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass.—6NN1.

REWINDING AND SLITTING MACHINES
See Slitting and Rewinding Machines 6Z.

ROLL-LEAF FEEDERS
See Pressroom 5Q.

ROUND CORNER CUTTERS 6U
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.
Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.
Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, Ohio.

ROUND CORNERING, PERFORATING AND PUNCHING MACHINES
See Perforating, Punching and Round Cornering Machines 6S.

ROUNDING AND BACKING MACHINES 6V
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

RULING MACHINES AND ACCESSORIES 6W
○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa. Inserting attachment.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Renz, Fred, & Sons, Inc., 7025—83rd St., Glendale, L. I., 27, N. Y.
Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.

S

SAFETY CANS
See Composing Room 1Y.

SAWS, BAND, FOR GANG WORK 6RR
DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill.

SCORING MACHINES
See under Crimping, Creasing and Scoring Machines 6G.

SEWING MACHINES 6X
6X1 Machines.
6X2 Needles.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—6X1.
Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.—6X1.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6X1.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—6X1.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.—6X1.

SHEARS AND BLADES 6Y
6Y2 Blades.
6Y1 Shears.
Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.—6Y2.
Coes Knife Co., 72 Coes St., Worcester 3, Mass.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.—6Y2.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6Y1, 6Y2.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.—6Y1.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.—6Y1, 6Y2.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Wapakoneta Machine Co., E. North St., Wapakoneta, O.—6Y2.

SIGNATURE BUNDLING PRESSES
See under Presses 6T.

SIGNATURE NOTCHER 6VV
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

SKIDS FOR TRUCKS
See Paper Cutting and Processing 4D.

SLITTING AND REWINDING MACHINES 6Z
Alico, Incorporated, Montague, Mass.
○American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.
Bagley & Sewall Co. Div., Black Clawson, 101 Pearl St., Watertown, N. Y.
Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.
Cameron Machine Co., Dover, N. J.
○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.
Cottrell Company, The, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.
Davidson Perforator Co., P.O. Box 191, East Berlin, Conn.
Dietz Machine Works, 126 W. Fontain St., Philadelphia 22, Pa.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa. Knives only.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
○Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.
Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O.
Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.
Hudson Sharp Machine Co., Sub. Food Machinery & Equipment Corp., 1201 Main St., Green Bay, Wis.
Johnstone Engineering and Machine Co., First Ave. and Gay St., Parkesburg, Pa.
Kidder Press Co., Inc., 121 Broadway, Dover, N. H.
Manhasset Machine Co., 409 Bayview Ave., Amityville, N. Y.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.
Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.
Potdevin Machine Co., 297 North St., Teterboro, N. J.

Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
Waldron, John, Corp., River Rd., New Brunswick, N. J.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.
Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

SLOTTING MACHINES
See Drilling and Drill Slotting Machines 6H.

SMASHING MACHINES
See Book Smashing Machines 6D.

STABBING MACHINES 6AA
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.

STANDING PRESSES
See under Presses 6T.

STAPLING MACHINES 6BB
6BB1 Machines.
6BB2 Wire.
Acme Staple Co., 1643 Haddon Ave., Camden 3, N. J.—6BB1, 6BB2.
American Steel & Wire Div., U. S. Steel Corp., Rockefeller Bldg., Cleveland 13, O.—6BB2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
American Wood Type & Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y.—6BB1.
Bostitch, Incorporated, East Greenwich, R. I.—6BB1, 6BB2.
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill.—6BB2.
Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill. — 6BB1, 6BB2.
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.—6BB1, 6BB2. Hand operated.
New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden 3, N. J.—6BB1.
Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.—6BB1.
Prentiss Wire Mills, Riverside-2323 N. Knox Ave., Chicago 39, Ill.—6BB1.
Wickwire Spencer Steel Co., 575 Madison Ave., New York, N. Y.—6BB2.

STITCHING MACHINES 6CC
6CC1 Machines.
6CC2 Wire.
Acme Steel Co., 135th St. & Perry Ave., Riverdale 27, Ill.—6CC1, 6CC2.
American Steel & Wire Div., U. S. Steel Corp., Rockefeller Bldg., Cleveland 13, O.—6CC2.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bostitch, Incorporated, East Greenwich, R. I.—6CC1, 6CC2.
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill.—6CC2.
Davidson Perforator Co., P.O. Box 191, East Berlin, Conn.—6CC1.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.—6CC1, 6CC2.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Gitzendanner-Muller Co., 15 Vandewater St., New York 38, N. Y.—6CC1, 6CC2.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.—6CC1, 6CC2.
Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.—6CC2.
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.—6CC1, 6CC2. Hand operated.
Mendes, J. Curry, Corp., One Curry Lane, Canton, Mass.—6CC1.
New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden 3, N. J.—6CC1.
Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.—6CC1, 6CC2.
Prentiss Wire Mills, Riverside-Alloy Metal Div., Porter, H. K., Co., 439 Dwight St., Holyoke, Mass.—6CC2.
○Rosback, F. P., Co., 5th and Park Sts., Benton Harbor, Mich.
Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—6CC1.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.—6CC1, 6CC2.
Standard Paper Box Machine Co., Inc., 476 Broome St., New York, N. Y.—6CC1.
Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.
Wickwire Spencer Steel Co., 575 Madison Ave., New York, N. Y.—6CC2.

STRINGING, KNOTTING AND LOOPING MACHINES
See Knotting, Looping and Stringing Machines 6N.

STRIPPING MACHINES
See under Gluing and Pasting Equipment 6M.

SUPPLIES 6DD
6DD1 Index Tabs.
Aigner, G. J., Co., 426 S. Clinton St., Chicago 7, Ill.—6DD1.
Best, Edward H., & Co., P.O. Box 1752, 222 Purchase St., Boston 5, Mass.
Coes Knife Co., 72 Coes St., Worcester 3, Mass.
Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.
Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.
Southworth Machine Co. 30 Warren Ave., Portland 5, Me.
Superior-Tabbies, Inc., 900 Franklin St., Chicago 11, Ill.

TAB CUTTING MACHINES
See Perforating, Punching and Round Cornering Machines 6S.

TABBING PRESSES
See under Presses 6T.

TAPE
See Binding Materials 6B.

TABLES 6EE
6EE1 Gathering.
○Challenge Machinery Co., The, First St., Grand Haven, Mich.—6EE1.
Equipto, 401 S. Highland, Aurora, Ill.
Evans Specialty Co., Inc., 2401 Venable St., Richmond 23, Va.—6EE1.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.—6EE1.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
○Jampol Company, Inc., The, 728—61st St., Brooklyn 20, N. Y.
Lyon Metal Products, Inc., Aurora, Ill.
Metwood Manufacturing Co., Inc., Spruce St., Hanover, Pa.
Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill.—6EE1.
S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.
Thompson Cabinet Co., Lake St., Ludington, Mich.—6EE1.

THREAD AND TWINE
See Binding Materials 6B.

TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TIN MOUNTING MACHINES
See Metal Edging Machines 6MM.

TIPPING MACHINES 6GG
Brackett Stripping Machine Co., The, 505 Jackson St., Topeka, Kan.
○Didde-Glaser, Inc., Hi-Way 50 & W. 12th Ave., Emporia, Kan.
Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Mendes, J. Curry, Corp., One Curry Lane, Canton, Mass.
Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.
Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.
Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.
Robertson Brothers, Inc., Englewood, N. J.

TOOLS 6FF
Hammers, Bone Folders, Polishers, etc.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.

TRIMMERS, CONTINUOUS
See Continuous Trimmers 6F.

TRIMMERS, PUBLICATION 6YY
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.
○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.
Lawson Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

TRUCKS, BINDERY
See Paper Cutting and Processing 4D.

TYPE
See Composing Room 1EE.

V

VARNISHING MACHINES
See under Miscellaneous 8G.

W

WIPING CLOTHS
See Pressroom 5VV.

WIRE FOR STAPLING MACHINES
See under Stapling Machines 6BB.

WIRE FOR STITCHING MACHINES
See under Stitching Machines 6CC.

Printing Production Filing System

7 — Mailing and Shipping Index

HOW TO USE THIS INDEX—This Mailing and Shipping Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically, and includes a cross-index of equipment and supplies. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR MAILING AND SHIPPING INDEX

7A Adhesives
7B Addressing and Mailing Machines
- 7B1 Addressing
- 7B2 Mailing
- 7B3 Strip Printing
- 7B4 Wrapper Printing and Wrapping

7L Bundling Devices
7O Conveyors
7S Inserting and Mailing Machines
7T Labeling Machines
- 7T2 Automatic
- 7T1 Hand

7C Mailing Wrapper Pasting Device
7D Newspaper Inserting Machines
7E Packaging and Tying Machines
7R Postal Meters
7F Scales
- 7F1 Platform
- 7F2 Postal

7M Sealing Machines
- 7M2 Heat Sealing
- 7M1 Seal Fastening

7P Stencil and Marking Supplies
7G Stitching Machines and Wire
7Q Supplies
- 7Q1 Galley Paper
- 7Q2 Mailing Wrapper

7H Tables
7N Tags
7J Tape Moisteners and Tape
- 7J1 Moisteners
- 7J2 Tape

7K Wire and Strapping

MAILING AND SHIPPING EQUIPMENT AND SUPPLIES MAIN AND CROSS-INDEX

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

ADHESIVES 7A
○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.
Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y.
○Cheshire, Inc., 1644 N. Honore St., Chicago 22, Ill.
Cooper, Peter, Corporations, Palmer St., Gowanda, N. Y.
Goodrich, B. F., Industrial Products Div., 500 S. Main St., Akron 18 O.
Green's Paste Works, 200 Liverpool Rd., P.O. Box 7, Salina Sta., Syracuse 8, N. Y.
Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L.I., N. Y.
Manhattan Paste & Glue Co., Inc., 425 Greenpoint Ave., Brooklyn 22, N. Y.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Adhesive two side mounting film.
Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y.
National Adhesives Div., National Starch Products, Inc., 750 Third Ave., New York, N. Y.
Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y.
Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J.

ADDRESSING AND MAILING MACHINES 7B
7B1 Addressing.
7B2 Mailing.
7B3 Strip Printing.
7B4 Wrapper Printing and Wrapping.
Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.—7B1, 7B2, 7B3, 7B4.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.
○Cheshire, Inc., 1644 N. Honore St., Chicago 22, Ill.—7B2.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—7B2.
Commercial Controls Corp., Sub. Friden Calculating Machine Co., Inc., 1 Leighton Ave., Rochester 2, N. Y.—7B2.
Dick Mailer Co., The, 137 W Tupper St., Buffalo 1, N. Y 7B2.
Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill.—7B1, 7B2, 7B3, 7B4.
Marsh Stencil Machine Co., 707 E. B St., Belleville, Ill.
Martin, L. C., & Associates, 238 Glenview Rd., Glenview, Ill. —7B1, 7B2, 7B4.
Mayvan Corporation, 1141 N. Washington Ave Scranton 9, Pa.—7B2, 7B4. Wrapping only.
Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.—7B4.
○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.—7B1.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—7B1, 7B2.
Pollard-Alling Mfg. Co., 220 W. 19th St., New York 11, N. Y. —7B1, 7B2, 7B3, 7B4.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y. —7B4. Wrapping machines.
Wing's, Chauncey, Sons, 78 Pierce St., Greenfield, Mass. — 7B1, 7B2, 7B3.

AUTOMATIC NEWSPAPER STUFFING MACHINES
See Newspaper Stuffing Machines 7D.

B

BALERS FOR WASTE PAPER
See Waste Paper Balers 8L.

BANDING AND BUNDLING PRESSES
See Bindery 6T.

BOX SEALERS
See Stitching Machines and Wire 7G.

BUNDLING DEVICES 7L
Hudson Sharp Machine Co., Sub. Food Machinery and Chemical Corp., 1201 Main St., Green Bay, Wis.
Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.
Tie Company, 14 Depot St., Unadilla, N. Y.
Toronto Star, The, Ltd., 275 Albany Ave., Toronto 4, Canada.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

BUNDLING PRESSES
Bindery 6T.

C

CARTON SEALERS
See Stitching Machines and Wire 7G.

CONVEYORS 7O
○Jampol Company, Inc., The, 728 —61st St., Brooklyn 20, N. Y.
Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y.
○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.
Metzgar Conveyor Co., 412 Douglas St., Grand Rapids 4, Mich.
Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Can.
Webb Machine Works, 1252 Dalzell St., Shreveport, La.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

G

GALLEYS
See Composing Room 1M.

GLUE
See Adhesives 7A.

GLUE HEATERS AND POTS
See Bindery 6M.

I

INKS
See Pressroom 5W.

INSERTING MACHINES
See Newspaper Stuffing Machines 7D.

INSERTING AND MAILING MACHINES 7S
Cummington Corporation, 718 Beacon St., Boston, Mass.
Inserting and Mailing Machine Co., P. O. Box 186, Phillipsburg, N. J.
Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill.
McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.
Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

J

JOGGING MACHINES
See Pressroom 5Z.

L

LABELING MACHINES 7T
7T1 Hand.
7T2 Automatic.
Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn.
○Cheshire, Inc., 1644 N. Honore St., Chicago 22, Ill.—7T1, 7T2.
Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.—7T2.
Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill.—7T2.
Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—7T1, 7T2.
Pollard-Alling Mfg. Co., 220 W. 19th St., New York 11, N. Y.
Potdevin Machine Co., 297 North St., Teterboro N. J.—7T1 7T2.
Wing's, Chauncey, Sons, 78 Pierce St., Greenfield, Mass.—7T1.

M

MAILING MACHINES
See under Addressing and Mailing Machines 7B.

MAILING TABLES
See Tables 7H.

MAILING WRAPPER PASTING DEVICES 7C
Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill.
Martin, L. C., & Associates, 238 Glenview Rd., Glenview, Ill.

MOISTENERS FOR TAPE
See Tape Moisteners 7J.

N

NEWSPAPER INSERTING MACHINES 7D
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

P

PACKAGING AND TYING MACHINES 7E
○American Steel Chase Co., 31-31 48th Ave., Long Island City 1, N. Y.
Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill.
Bunn, B. H., Co., 7605 Vincennes Ave., Chicago 20, Ill.
Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y.
Davidson Perforator Co., P.O. Box 191, East Berlin, Conn.
Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 4723 S. Richmond St., Chicago, Ill.
Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill.
○Jampol Company, Inc., The, 728 —61st St., Brooklyn 20, N. Y.
Martin, L. C., & Associates, 238 Glenview Rd., Glenview, Ill.
National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich.
Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.
Popular Mechanics Co., Attn: William H. Taylor, 200 E. Ontario St., Chicago 11, Ill.
Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.
Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.
Toronto Star, The, Ltd., 275 Albany Ave., Toronto 4, Canada.
○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

PAPER BALERS
See Waste Paper Balers 8L.

PASTE
See Adhesives 7A.

PASTE POTS
See Bindery 6M.

PASTING DEVICE FOR MAILING WRAPPERS
See Mailing Wrapper Pasting Device 7C.

POSTAL METERS 7R
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.

POTS FOR PASTE
See Bindery 6M.

PRESSES, BANDING AND BUNDLING
See Bindery 6T.

PROOF PRESSES
See Composing Room 1V.

R

ROLLERS FOR PROOF PRESSES
See Pressroom 5NN.

S

SAFETY CANS
See Composing Room 1Y.

SCALES 7F
7F1 Platform.
7F2 Postal.
Commercial Controls Corp., Sub. Frides Calculating Machine Co., Inc., 1 Leighton Ave., Rochester 2, N. Y.
Cummington Corporation, 718 Beacon St., Boston 15, Mass.—7F2.
Manning, Maxwell & Moore, Inc., Shaw-Box Crane & Hoist Div., W. Broadway, Muskegon, Mich. —7F1.
National Baling Press and Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.—7F1.
Pelouze Manufacturing Co., 1218 Chicago Ave., Evanston, Ill.— —7F2.
Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.—7F1, 7F2.

SEALING MACHINES 7M
7M1 Seal Fastening.
7M2 Heat Sealing.
Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn. —7M1.
Marsh Stencil Machine Co., 707 East B St., Belleville, Ill. Electric Dial Taper.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—7M1.
Nashua Package Sealing Div., Nashua Corporation, 44 Franklin St., Nashua, N. H.
Pitney-Bowes, Inc., Walnut and Pacific St., Stamford, Conn.

STENCIL AND MARKING SUPPLIES 7P
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.
Marsh Stencil Machine Co., 707 East B St., Belleville, Ill.
Tintograph Company, 48, New Chambers St., New York 38, N. Y.

STITCHING MACHINES AND WIRE 7G
Acme Steel Co., 135th St. & Perry Ave., Riverdale 27, Ill.
○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.
Bostitch, Incorporated, East Greenwich, R. I.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Industrial Fastener Div., Heller Roberts Mfg. Corp., 2135 Superior Ave., Cleveland 14, O.
Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.
New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden, N. J.
Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.
○Rosback, F. P., Co., 5th and Park Sts., Benton Harbor, Mich.
Wickwire Spencer Steel Co., 575 Madison Ave., New York, N. Y.

STRIP PASTING MACHINES
See under Addressing and Mailing Machines 7B.

SUPPLIES 7Q
7Q1 Galley Paper.
7Q2 Mailing Wrapper.
○Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.—7Q1, 7Q2.

T

TABLES 7H
Equipto, 401 S. Highland, Aurora, Ill.
Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.
Gustafson Tool Co., 239 Centre St., New York 13, N. Y.
Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis.
○Jampol Company, Inc., The, 728—61st St., Brooklyn 20, N. Y.
Lyon Metal Products, Inc., Aurora, Ill.
Metwood Manufacturing Co., Inc., Spruce St., Hanover, Pa.
Thompson Cabinet Co., Lake St., Ludington, Mich.
Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Can.

TAGS 7N
Dennison Manufacturing Co., 300 Howard St., Framingham, Mass.

TAPE MOISTENERS AND TAPE 7J
7J1 Moisteners.
7J2 Tape.
American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich.—7J2.
Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn.
Gerrard, A. J., & Co., 1950 Hawthorne Ave., Melrose Park, Ill.—7J2.
Gummed Tape & Devices Co., 1069 Rogers Ave., Brooklyn 26, N. Y.—7J1, 7J2.
Marsh Stencil Machine Co., 707 East B St., Belleville, Ill.—7J1.
Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.—7J2.
Nashua Package Sealing Div., Nashua Corporation, 44 Franklin St., Nashua, N. H.—7J1, 7J2.

TIME CLOCKS, RECORDERS
See Miscellaneous 8J.

TRUCKS
See Paper Cutting and Processing 4D.

TYING AND PACKAGING MACHINES
See Packaging and Tying Machines 7E.

W

WASTE CANS, SAFETY
See Composing Room 1Y.

WASTE PAPER BALERS
See Miscellaneous 8L.

WIPING CLOTHS
See Pressroom 5VV.

WIRE AND STRAPPING 7K
Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill.
Gerrard, A. J., & Co., 1950 Hawthorne Ave., Melrose Park, Ill.
Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 4723 S. Richmond St., Chicago, Ill.
Prentiss Wire Mills, Riverside-Alloy Metal Div., Porter, H. K., Co., 439 Dwight St., Holyoke, Mass.
Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.
○Wiretyer Corporation, 65 Lellarts Lane, East Paterson, N. J.

WIRE FOR BALING
See Waste Paper Balers 8L.

WIRE FOR STITCHING MACHINES
See Stitching Machines and Wire 7G.

WRAPPER PASTING DEVICES
See Mailing Wrapper Pasting Devices 7C.

WRAPPER PRINTING MACHINES
See under Addressing and Mailing Machines 7B.

WRAPPING MACHINES
See under Addressing and Mailing Machines 7B.

Printing Production Filing System

8 — Miscellaneous Index

HOW TO USE THIS INDEX—This Miscellaneous Index is comprised of two parts. Immediately below is the Key in which each product is listed alphabetically accompanied by a symbol. The second part, or Main Index, is also arranged alphabetically. Products may be found by alphabetical reference either in the Key or in the Main Index. In the Main Index the company names are arranged alphabetically and precede the symbols which identify the products listed in the Key.

KEY FOR MISCELLANEOUS INDEX

8A Air Conditioning
8B Architects and Engineers
8N Auctioneers
8C Bag Making
8M Books
8D Box and Carton Equipment and Supplies
8U Business Forms Equipment
- 8U4 Business Forms Collators
- 8U5 Carbon Interleaver
- 8U7 Carbon Processor
- 8U6 Continuous Form Stapler
- 8U3 Equipment and Supplies
- 8U8 Hot Spot Carbon Machine
- 8U1 Presses
  - 8U1.1 Hot Spot
  - 8U1.2 Sales Book
- 8U2 Slitters and Rewinders

8T Conveyor Systems
- 8T3 General
- 8T1 Magazine and Newspaper
- 8T2 Mailing Room

8R Diemaking Equipment
- 8R1 Embossing Dies
- 8R6 Jackets
- 8R2 Rule Benders
- 8R5 Steel Rule
- 8R3 Steel Rule Dies
- 8R4 Wood Block
- Die Cutting Machines See Bindery 6LL
- Die Cutting Presses See Pressroom 5M

8Q Employment Service
8V Fire Prevention
8S Flooring
8E Macerating Machines
8F Machinery Dealers
8W Machinery Movers and Installers
8G Paraffining, Varnishing, Waxing
8O Power Generating Equipment
8P Production Methods
8H Silk Screen
- 8H7 Cabinets (Stencil)
- 8H8 Camera
- 8H6 Drying Units
- 8H1 Film
- 8H2 Ink
- 8H3 Presses, Printing
- 8H4 Stencil Sheets
- 8H5 Supplies

8J Time Clocks, Recorders
8K Vibration Eliminating
8L Waste Paper Balers

MISCELLANEOUS EQUIPMENT AND SUPPLIES INDEX

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

8A AIR CONDITIONING EQUIPMENT AND SUPPLIES

Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.
American Blower Division of American-Standard, 8111 Tireman Ave., Dearborn, Mich.
American Coils Co., Rt. 524, Lakewood Rd., Farmingdale, N. J.
Armstrong Machine Works, 847 Maple St., Three Rivers, Mich.
○Bahnson Company, The, 1001 S. Marshall St., Winston-Salem, N. C.
Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.
Carrier Corporation 300 S. Geddes St., Syracuse 1, N. Y.
○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y.
Logan Engineering Co. 4901 W. Lawrence Ave., Chicago 30, Ill.
M-D Blowers, Inc., Sub. Miehle-Goss-Dexter, Inc., 100 Fourth St., Racine, Wis.
Murray, D. J., Manufacturing Co., 1002 Third St., Wausau, Wis.
○Offen, B., & Co., 29 E. Madison St., Chicago 2, Ill.
Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.
Park-Cramer Co., Newport St., Fitchburg, Mass.
Research Products Corp., 1015 E. Washington Ave., Madison 10, Wis.
Southworth Machine Co., 30 Warren Ave., Portland 5, Me.
Static Eliminator Co., 239 Centre St., New York 13, N. Y.
Surface Combustion Corp., 2375 Dorr St., Toledo 1, O.
Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y.
Utility Heater Co., 239 Centre St., New York 13, N. Y.
Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J. Humidifiers and dehumidifiers, humidity controls.

Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J.

Wing, L. J., Mfg. Co., Linden, N. J.

York Corporation, Roosevelt Ave., York, Pa.

8B ARCHITECTS, ENGINEERS AND DESIGNERS

○**American Type Founders, Inc.,** 200 Elmora Ave., Elizabeth, N.J.

Austin Co., 16112 Euclid Ave., Cleveland 12, O.

Crawford, E. A., Co., P O. Box 2216, Edgewood Sta., Providence 5, R. I. Consulting, research and machine designing services.

Davis, W. F., Consultants, P.O. Box 179, Hightstown, N. J.

de Florez Co., Inc., The, 116 E. 30th St., New York 16, N. Y.

Dickerson, Robert W., Architect, **2063 E. Fourth St., Cleveland** 15, O. Newspaper and printing plant engineering and architectural service.

○Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif. Designers of printing machinery.

Freedman, Olin E., 156 E. Erie St., Chicago 11, Ill.—Consultant to management in the Graphic Arts and allied industries.

Graphic Arts Industry, Inc., 1104 Currie Ave., Minneapolis 3, Minn. Management consultants and printing plant engineering.

Greer, Robert Royden, 5201 Wilshire Blvd., Los Angeles 36, Calif. Printing engineer and appraisals.

○Hantscho, George, Co., Inc., 602 S. Third Ave., Mount Vernon, N. Y. Offset and letterpress web printing presses designed and built to specifications.

Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. Special machinery designed and built for any purpose in the Graphic Arts industry.

Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y. Plant engineering and production services.

Huck Company, 72 W. 45th St., New York 36, N. Y. Special machinery designers.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.

Huebner, Wm. C., 102 Mamaroneck Ave., Mamaroneck, N. Y. Graphic Arts consultant.

Humphrey Design & Mfg. Inc., 16343 Euclid Ave., Cleveland 12, O.

Klinger, Karl A., 124 S. Washington, Naperville, Ill. Consulting engineer for design and development of various printing equipment.

Lorenz Printing Machine Co., Inc., 36-26—31st St., Long Island City 6, N. Y. Newspaper press engineers and machinists.

○Main, Chas. T., Inc., 80 Federal St., Boston 10, Mass. Architects, engineers and designers for newspaper, printing and publishing plants.

○Model Planning Co., Inc., 164 Greenway West, New Hyde Park, N. Y. Tri-dimensional (1/48th scale) Graphic Arts planning models; advisory service.

○Monomelt Company, Inc., The, 1611 Polk St., N. E., Minneapolis 13, Minn. Designers of special machinery.

Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O. Designers and builders of special machinery for paper converting and the Graphic Arts.

Powers, Mark E., 7041 N. Monon St., Chicago, Ill. Industrial engineers, plant layout and production analyses.

Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill.

Richardson-Sovde Co., Inc., 700 S. Fourth St., Minneapolis 15, Minn. Newspaper and commercial plant layouts.

Rockefeller, J. W., jr., and Associates, 640 Morris and Essex Turnpike, Short Hills, N. J. Consulting printing engineers.

Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J. Special machinery developed and built.

Scheinker, Ilya, Mechanical Engineering, 35 Great Jones St., New York 12, N. Y.

Simpson, J. M., 120 Liberty St., New York 6, N. Y. Equipment designer.

Swift Engineering Co., 7001 N. Clark St., Chicago 26, Ill. Architectural and engineering service for printing plants.

Visual Plant Layouts, Inc., Pennsylvania Ave. at River, Oakmont, Allegheny County, Pa. Two and three dimensional plant layout methods.

Worthington, Emory W., and Associates, 957 E. Glen Ave., Ridgewood, N. J. Engineering and consulting service to equipment manufacturers and to publishing and printing plants.

Young Engineering Co., 2435 N Sheffield Ave., Chicago 14, Ill Engineering and designing of special Graphic Arts machinery.

8N AUCTIONEERS

Greer, Robert Royden, 5201 Wilshire Blvd., Los Angeles 36, Calif.

Schwartz Bros. Auctioneers, 277 Broadway, New York 7, N. Y.

○White, Sid, 132 Nassau St., New York 38, N. Y.

8C BAG MAKING EQUIPMENT AND SUPPLIES

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.

○**Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.**

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 11, O.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Heinrich, H. H., Co., 111 Eighth Ave., New York 11, N. Y.

Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.

○Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Manhasset Machine Co., 409 Bayview Ave., Amityville, N. Y.

Model Printing Equipment Corp., 1422 Grand St., Hoboken, N. J.

Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.

Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.

Potdevin Machine Co., 297 North St., Teterboro, N. J.

Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.

Schweizer, Chas. K., Co, 231 Russell Ave., St. Louis 4, Mo.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.

Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.

Waldron, John, Corp., River Rd., New Brunswick, N. J.

Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

8M BOOKS

Hoch, Fred W., Associates, Inc., **461 Eighth Ave., New York 1,** N. Y.

Lithographic Technical Foundation, 131 E. 39th St., New York 16, N. Y.

Porte Publishing Co., 952 E. 21st St., S., Salt Lake City 6, Ut.

○Printing Production Magazine, 1276 W. Third St., Cleveland 13, O.

8D BOX AND CARTON EQUIPMENT AND SUPPLIES

American Evatype Co., 749 Osterman Ave., Deerfield, Ill.

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Babcock Printing Press Co., 3215 W. Tusc., Canton 8, O.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.

Bauer Presses, Inc., 235 E. 45th St., New York 17, N. Y.

Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa.

Bostitch, Incorporated, East Greenwich, R. I.

Brandtjen & Kluge, Inc., Gaultier at Como, St. Paul 3, Minn.

○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N.J.

○**Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O.**

Chicago Box Machine Works, 1810 W. Grand Ave., Chicago 22, Ill.

Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill.

Cooper, Peter, Corporations, Palmer St., Gowanda, N. Y.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

Gerrard, A. J., & Co., 1950 Hawthorne Ave., Melrose Park, Ill.

Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 4723 S. Richmond St., Chicago, Ill.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

○Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. — Designers of special machines.

Heinrich, H. H., Co., 111 Eighth Ave., New York 11, N. Y.

Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass.

○Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.

○Miehle Company, The, Div. Miehle-Goss-Dexter, 2011 W. Hastings St., Chicago 8, Ill.

Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Model Printing Equipment Corp., 1422 Grand St., Hoboken, N. J.

National Adhesives Div., National Starch Products, Inc., 750 Third Ave., New York, N. Y.

Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.

Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.

Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.

Prentiss Wire Mills, Riverside-Alloy Metal Div., Porter, H. K., Co., 439 Dwight St., Holyoke, Mass.

Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif.

Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.

○**Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.**

Schweizer, Chas. K., Co., 231 Russell Ave., St. Louis 4, Mo.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, N. Y.

Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass.

Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn.

Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.

Thomson-National Press Co., Dean Ave., Franklin, Mass.

Waldron, John, Corp., River Rd., New Brunswick, N. J.

Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

Young Engineering Co., 2435 N. Sheffield Ave. Chicago 14, Ill.

8U BUSINESS FORMS EQUIPMENT

8U4 Business Forms Collators.
8U5 Carbon Interleaver.
8U7 Carbon Processor.
8U6 Continuous Form Stapler.
8U3 Equipment and Supplies.
8U8 Hot Spot Carbon Machine.
8U1 Presses
8U1.1 Hot Spot.
8U1.2 Sales Book.
8U2 Slitters and Rewinders.

○**American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.**

Brackett Stripping Machine Co., The, 505 Jackson St., Topeka, Kan.—8U1.1, 8U3.

○Didde-Glaser, Inc., Hi-Way 50 & West 12th Ave., Emporia, Kan.—8U4.

Dietz Machine Works, 128 W. Fontain St., Philadelphia 22, Pa.—8U2.

Doven Division, Appleton Machine Co., 618 S. Oneida St., Box 468, Appleton, Wis.

○Dutro, Orville, & Son, Inc., 117 W. Ninth St., Los Angeles 15, Calif.—8U1.2

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn.—8U1.1.

Mendes, J. Curry, Corp., One Curry Lane, Canton, Mass.—8U4.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.—8U1.

Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif. Snap-out glue tipping machine.

Schriber Machinery Co., 4900 Webster St., Dayton 4, O.—8U4, 8U5, 8U6, 8U7, 8U8, 8U9.

8T CONVEYOR SYSTEMS

8T1 Magazine and Newspaper.
8T2 Mailing Room.
8T3 General.

Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.—8T1.

General Rubber Corp., Summitt and Attwood Sts., Tenafly, N. J.

○Jampol Company, Inc., The, 728—61st St., Brooklyn 20, N. Y.—8T1, 8T2, 8T3.

○Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Metzgar Conveyor Co., 412 Douglas St., Grand Rapids 4, Mich.—8T3.

○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

8R DIEMAKING EQUIPMENT AND DIES

8R1 Embossing Dies.
8R6 Jackets.
8R2 Rule Benders.
8R7 Score Cutting Machines.
8R5 Steel Rule.
8R3 Steel Rule Dies.
8R4 Wood Block.

Accurate Steel Rule Die Mfrs., 22 W. 21st St., New York 10, N. Y.—8R1, 8R3, 8R5, 8R6.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.—8R3, 8R5.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn.—8R6, 8R7.

Becker Bros. Engraving Co., 103 Lafayette St., New York 13, N. Y.—8R1.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.—8R2.

Irwin Manufacturing Co., Inc., Main St., Garland, Pa.—8R4.

May Machine Co., Inc., 195 Chrystie St., New York 2, N. Y.—8R1, 8R3.

Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich.—8R2.

Simonds Saw & Steel Co., 470 Main St., Fitchburg, Mass.—8R5.

Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.—8R4.

8Q EMPLOYMENT SERVICE

Graphic Arts Employment Service, 307 E. Fourth St., Cincinnati 2, O.

8V FIRE PREVENTION

Kidde, Walter, & Co., Inc., 657 Main St., Belleville 9, N. J.

Pyrene-C-O-Two Div., Fyr-Fyter Co., U. S. Highway 1, Newark 1, N. J.

Randolph Laboratories, Inc., 8 E. Kinzie St., Chicago 11, Ill.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

8S FLOORING

○Alan Wood Steel Co., Conshohocken, Pa.

Aluminum Co. of America, 1501 ALCOA Bldg., Pittsburgh 19, Pa.

○Jampol Company, Inc., The, 728—61st St., Brooklyn 20, N. Y.

Tufcrete Company, Inc., 502 E. Locust St., Des Moines 9, Ia.

8E MACERATING MACHINES

Shredmaster Corporation, The, 9 E. 40th St., New York 16, N. Y. Paper shredding machines.

Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

8F MACHINERY DEALERS

○Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O.

Allied Printing & Binding Machinery Co., 3767 Chester Ave., Cleveland 14, O.

Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

American Graphic Arts Machinery Co., Inc., 132 Nassau St., New York 38, N. Y.

○**American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.**

○**American Type Founders, Inc., 200** Elmora Ave., Elizabeth, N. J.

American Wood Products & Tool Supply, 705 Montclaire Ave., Edwardsville, Ill.

American Wood Type Mfg. Co., 35 W. Third St., New York 12, N. Y.

Ampress, Incorporated, 910 E. 138th St., Bronx, N. Y.

○**Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.**

Arnold Numbering Machine Works, 434 S. Wabash, Chicago 5, Ill.

Atlas Numbering Machine Service, 270 Lafayette St., New York 12, N. Y.

Atlas Printing Equipment Co., 270 Lafayette St., New York 12, N. Y.

Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

Barager, M. E., Co., 6523—20th Ave., N. E., Seattle 15, Wash.

Barco Type Founders, 64 Wagner, Northlake, Ill.

Barnhard Printers Supply Co., 7-13 Governor St., Newark 2, N. J.

Bauer Presses, Inc., 235 E. 45th St., New York 17, N. Y.

○Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa.

Baumgardner, H. K., Sales and Service Co., 1909 Euclid Ave., Cleveland 15, O.

Berkley Machine Co., 819 E. 19th St., Kansas City 8, Mo.

Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn.

Brintnall, H. W., Co., Div. Western Newspaper Union, 430 Howard St., San Francisco 5, Calif.

○Buhler Brothers, Inc., 130 Coolidge Ave., Englewood, N. J.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.

Caxton Printers Supply Co., 410 Caxton Bldg., 812 Huron Rd., Cleveland 15, O.

Central Trade Plant of Grand Rapids, 15 Lyon St., Grand Rapids 2, Mich.

Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis 10, Mo.

Chicago Box Machine Works, 1810 W. Grand Ave., Chicago 22, Ill.

Chicago Linotype Maintenance Co., 549 W. Randolph St., Chicago 6, Ill.

Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill.

○**Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill.**

Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill.

Craftsmen Machinery Co., 75 N. Dedham St., Boston 18, Mass.

Damon & Peets, Inc., 56 Beekman St., New York 38, N. Y.

Diamond Printing Machinery Co., 3067 E. 61st St., Cleveland 27, O.

Dixie Type & Supply Co., Inc., 930 N. Sixth Ave., Birmingham 1, Ala.

Dixon, Loyal S., Co., 11164 Saticoy St., Sun Valley, Calif. Newspaper press erectors; machinery dealers.

Durbrow & Hearne, Inc., 12 Wooster St., New York 13, N. Y.

Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.

○Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

Economy Printers Products Co., 609 S. La Salle St., Chicago 5, Ill.

Einnehmer & Taylor, Inc., 228 E. 45th St., New York 17, N. Y.

Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.

Falco Corporation, 29-05 — 120th St., Flushing 54, N. Y.

Foto-Graphic Products Co., 5560 W. Broadway, Minneapolis 27, Minn.

Franklin Printers Supply Co., 608 Cherry St., Philadelphia 6, Pa.

Fuller, E. C., Co., 28 Reade St., New York 7, N. Y.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Graphic Arts Equipment Co., 117 W. Harrison St., Chicago 5, Ill.

Graphic Machinery Exchange, Inc., 30 W. 24th St., New York 10, N. Y.

Griffiths, John, Co., Inc., 415 Lexington Ave., New York 17, N. Y.

Harnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa.

Heinrich, H. H., Co., 111 Eighth Ave., New York 11, N. Y.

Heinsohn, A. E., Printing Machinery & Supplies, 1443 Blake St., Denver 2, Colo.

○Hutzler, Federico K., Co., 1133 Broadway, New York 10, N. Y.

Inland Newspaper Supply Co., 422 W. Eighth St., Kansas City 5, Mo.

Intercontinental Marketing Corp., 45-17 Pearson, Long Island City, N. Y.

Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa.

Jones, James H., Co., 808 W. Washington Blvd., Chicago 7, Ill.

Keller, George R., Inc., 1228 Mt. Olivet Rd., N.E., Washington 2, D. C.

Kellett Company, 640 S. Miller St., Chicago 7, Ill.

Kelsey, W. A., Co., 45 Crown St., Meriden, Conn.

○Korn, Henry P., 5 Beekman St., New York 38, N. Y.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Linotype Maintenance Co., 277 Broadway, New York 7, N. Y.

Linotype Supply Co., Inc., 8 Beach St., New York 13, N. Y.

Lorenz Printing Machine Co., Inc., 36-26 — 31st St., Long Island City 6, N. Y.

○Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif.

Marsh, Hamilton R., Co., 15th and Mt. Vernon Sts., Philadelphia 30, Pa.

Mason-Moore-Tracy, Inc., 28 E. Fourth St., New York 3, N. Y.

Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O.

Midwest Publishers Supply Co., 4500 W. Cermak Rd., Chicago 23, Ill.

Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis.

Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan.

Moler, Don A., Distributors, 1011 20th St., N.W., Washington 6, D. C.

○**Montgomery Company, Inc., Pratt Ave., P.O. Box 309, Towanda, Pa**

Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y.

Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill.

Nissenbaum, Irving, Inc., 114 W. 27th St., New York 1, N. Y.

Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.

Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa.

Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.

Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 39, Ill.

Palmer, E. C., & Co., Div. Western Newspaper Union, 2201 Laws St., Dallas 2, Tex.

Parsons & Whittemore, Inc., 250 Park Ave., New York 17, N. Y.

○Pate Company, The, 3553 Peterson Ave., Chicago 45, Ill.

Pavyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo.

Payne, Ernest, Corp., 82 Beekman St., New York 38, N. Y.

Peck, James I., (Registered), 47 High St., West Orange, N. J.

Preferred Pressroom Products, Inc., 119 Foster St., Peabody, Mass.

Printcraft Representatives, 277 Broadway, New York 7, N. Y.

Printers Supply Service, 946 W. North Ave., Chicago 22, Ill.

Printing Industries Equipment, Inc., 168 Putnam Ave., Greenwich, Conn.

Process Engineering Co., 6435 N. Central Ave., Chicago 46, Ill.

Ralya Saw Corp., 109 W. Second St., Cincinnati 2, O.

Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y.

Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill.

Rich & McLean, Inc., 18 Jacob St., New York 38, N. Y.

Richardson-Sovde Co., Inc., 700 S. Fourth St., Minneapolis 15, Minn.

Robertson Brothers, Inc., Englewood, N. J.

Rudow, William B., 135 Henry St., New York 2, N. Y.

Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill.

○**Shulman, Ben, Associates, Inc., 60 E. 42nd St., New York 17, N. Y.**

Simpson, J. M., 120 Liberty St., New York 6, N. Y.

Somerset Equipment Co., 441 Clay St., San Francisco 11, Calif.

Standard Mat Service, 415 S. President, Jackson 5, Miss.

○**Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.**

Stewart, Don, Co., 445 Clay St., San Francisco 11, Calif.

Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill.

Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y.

Thomson-National Press Co., Dean Ave., Franklin, Mass.

○**Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.**

Tompkins Printing Equipment Co., 712 S. Clark St., Chicago 5, Ill.

○Turner Printing Machinery, Inc., 6510 Euclid Ave., Cleveland, O.

Twin City Lino Service, Inc., 2350 Highway 100S, Minneapolis 26, Minn.

Type and Press of Illinois, Inc., 3312 N. Ravenswood Ave., Chicago 13, Ill.

Utility Heater Co., 239 Centre St., New York 13, N. Y.

Walker, E. H., Supply Co., Inc., 140 Que St., N.E., Washington 2, D. C.; 614 E. Main St., Richmond 19, Va.
Western Newspaper Union, Printing Machinery Dept. 310 E. 45th St., New York 17, N. Y.
Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass.
Winn & Goodman, 440 Sansome St., San Francisco 11, Calif.
Wise, Incorporated, 1420 Western Ave., Pittsburgh 33, Pa.
Wolfer Printers Supply, Inc., 1221 Maple Ave., Los Angeles 15, Calif.

○Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y.

8W MACHINERY MOVERS AND INSTALLERS

○Central Newspaper Installations, Inc., 575 Washington St., New York 14, N. Y.

Dixon, Loyal S., Co., 11164 Saticoy St., Sun Valley, Calif.

Hall, George R., Inc., 21208 Beachwood Dr., Cleveland 16, O.

Manhattan Industrial Contracting Co., Inc., 3-17—26th Ave., Astoria 2, N. Y.

8G PARAFFINING, VARNISHING, THERMOPLASTIC COATING AND WAXING

8G6 Carbonizing.
8G5 Laminating.
8G1 Paraffining.
8G4 Thermoplastic Coating.
8G2 Varnishing.
8G3 Waxing.
Allied Printing & Binding Machinery Co., 3767 Chester Ave., Cleveland 14, O.
Apex Machine Co., 14-13—118th St., College Point 56, N. Y.—8G2.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.
Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.—8G1, 8G2, 8G3.

Cameron Machine Co., Dover, N. J.—8G1, 8G2, 8G3.
○**Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J.—8G2.**
○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y.

Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.
○Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.
Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.—8G3 8G5.
Dow Chemical Co., Midland, Mich.—8G4.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.—8G1, 8G2, 8G3, 8G4, 8G5, 8G6.
Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.—8G1, 8G2, 8G3.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis.—8G1, 8G2, 8G3, 8G4.

○**Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—8G4.**

Mercury Engineering Co., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis.—8G5.
Modern Engraving & Machine Co., 1413 Chestnut Ave., Hillside, N. J. Applicator Rolls for aniline and rotogravure machines.

Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.
Potdevin Machine Co., 297 North St., Teterboro, N. J.—8G1, 8G2, 8G3, 8G4.
Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill.—8G4.

○**Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.**
Rutherford Machinery, Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.—8G1, 8G2, 8G3, 8G4. Magnetic spot coater.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill.—8G4, 8G5.
Studebaker Hydraulic Products Co., 1733 N. 33rd Ave., Melrose Park, Ill.—8G4.

Waldron, John, Corp., River Rd., New Brunswick, N. J.—8G1, 8G2, 8G3, 8G4.
Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

8O POWER GENERATING EQUIPMENT

8P PRODUCTION METHODS

Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y.

○Jampol Company, Inc., The, 728—61st St., Brooklyn 20, N. Y.

Printing Industry of America, Inc., 5728 Connecticut Ave., N.W., Washington 15, D. C.

8H SILK SCREEN

8H7 Cabinets (Stencil).
8H8 Cameras.
8H6 Drying Units.
8H1 Film.
8H2 Ink.
8H3 Presses, Printing.
8H4 Stencil Sheets.
8H5 Supplies.

Acheson Dispersed Pigments Co., 1805 Morris Bldg., Broad & Chestnut Sts., Philadelphia 2, Pa.—8H2.
American Automation, Inc., 175 W. Jackson Blvd., Chicago 4, Ill.—8H3.
○**Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y.—8H1.**
Atlas Silk Screen Supply Co., 1733 Milwaukee Ave., Chicago 47, Ill.—8H2, 8H3, 8H4, 8H5, 8H6.
Atlas Stencil Files Corp., 16716 Westfield Ave., Cleveland 10, O.—8H7.
Austin, O., Div., Decalcomania and Metal Etching Co., 225 Flatbush Ave., Brooklyn 17, N. Y.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif.—8H1, 8H2, 8H3, 8H4, 8H5, 8H6, 8H8.
Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O.—8H1, 8H2.

Daily, Bert L., Inc., 126 E. Third St., Dayton 2, O.—8H5.
Dependable Compressor & Machine Co., 157 W. 21st St., New York 11, N. Y.—8H3.
Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich.—8H8.
Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.—8H1, 8H4, 8H5.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y.—8H1.

Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O.—8H2.

General Research & Supply Co., 572 S. Division Ave., Grand Rapids 3, Mich.—8H2, 8H3, 8H4, 8H5, 8H6, 8H8.
Gerson, Louis M., Co., 73 Deering Road, Mattapan 26, Mass.—8H5.
Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.—8H5.

Horn Industrial Finishes, Div. Sun Chemical Corp., 750 Third Ave., New York, N. Y.—8H2.

○Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.—8H2.

Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.—8H8.
Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 17, Ill.—8H8.
○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.—8H8.
Lawson Printing Machine Co., The, 53 Olive St., St. Louis 8, Mo.—8H3.
Lawter Chemicals, Inc., 3550 Touhy Ave., Chicago 45, Ill.—8H2.

M & M Research Engineering Co., Inc., 13360 W. Silver Spring, Butler, Wis.—8H3, 8H6.
Markem Machine Co., 150 Congress St., Keene, N. H.—8H3.
McGraw Colorgraph Co., 175 W. Verdugo Ave., Burbank, Calif.—8H4.
Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.—8H7, 8H8.
Modi-Graphic, Inc., 215 E. Ninth St., Cincinnati 2, O.—8H8.

Naz-Dar Company, 461 Milwaukee Ave., Chicago 10, Ill.—8H1, 8H2, 8H4, 8H5, 8H6, 8H8.
Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill.—8H5.
Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y.—8H4.

Ohio Art Materials Co., 2174 E. Ninth St., Cleveland 15, O.—8H5.

Pace Manufacturing Co., The, 764 Ninth St., Des Moines, Ia.—8H3.
Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y.—8H3.

Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.—8H8.

Sherwin-Williams Co., The, Graphic Arts Div., 101 Prospect Ave., N. W., Cleveland 1, O.—8H1, 8H5.

Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.—8H2.
Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O.—8H6.

Ulano Products Co., 610 Dean St., Brooklyn 38, N. Y.—8H1, 8H5.

8J TIME CLOCKS, RECORDERS

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn.

Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 4723 Richmond St., Chicago, Ill.

International Business Machines Corp., 590 Madison Ave., New York 22, N. Y.

○Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa. Time clock recorder paper.
Partlow Corporation, 2 Campion Road, New Hartford, N. Y.

Simplex Time Recorder Co., 40 S. Lincoln St., Gardner, Mass.
Stromberg Time Corp., Sub. of General Time Corp., 135 S. Main St., Thomaston, Conn.

8K VIBRATION ELIMINATING EQUIPMENT

Felters Company, The, 210 South St., Boston 11, Mass.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O.

Korfund Company, Inc., 48-15 N. 32nd Place, Long Island City 1, N. Y.

Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J.

United States Rubber Co., 1230 Avenue of the Americas, New York 20, N. Y.

Vibration Eliminator Co., 10-28—47th Ave., Long Island City 1, N. Y.

8L WASTE PAPER BALERS

Balemaster Div., East Chicago Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind.

Economy Baler Co., 1254 N. Main St., Ann Arbor, Mich.

Lake Engineering Co., 312 Gostlin St., Hammond, Ind.

Minnich Machine Works, 1607 Ridgely St., Baltimore 30, Md.

National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.

Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.

Printing Production Filing System

1959 Trade Name Index

FOR PRINTING EQUIPMENT AND SUPPLIES

(Companies listed are manufacturers, suppliers and dealers indiscriminately)
In compiling this index PRINTING PRODUCTION has exercised every precaution to see that all names and addresses published in this index are correct according to the information furnished. For that reason, we cannot be responsible for errors or omissions.

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

A

ABC—Air conditioning and cleaning equipment. American Blower Division of American-Standard, 8111 Tireman Ave., Dearborn, Mich.

Absorbo — Vibration eliminator. Korfund Co., 48-15 N. 32nd Pl., Long Island City 1, N. Y.

Accurate—Steel rule dies and supplies, cutting jackets. Accurate Steel Rule Die Mfrs., 22 W. 21st St., New York 10, N. Y.

○**Ace**—Cord rubber belts for linecasting machines. Star Parts Inc., 2 S. Main St., South Hackensack, N. J.

Ace—Offset black ink. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

○**Ace Graytone**—Synthetic rubber roller with disposable core for job and high speed presses. Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.

Acme—Glue pots, gliding wheels and hot embossing plate heaters, metal melting pots. Acme Electric Heating Co., 1217 Washington St., Boston, Mass.

Acme—Stapling machines and staples. Acme Staple Co., 1643 Haddon Ave., Camden 3, N. J.

○**Acraplate**—Molding presses for the production of molded rubber and plastic printing plates, and plastic electrotype molds. Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Adamant—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Add-A-Color—Rubber printing blocks. Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill.

Add-A-Matic — Counter addition for Gelb lineup tables. Joseph Gelb Co., 52 Arlington St., Newark 2, N. J.

Addressograph—Addressing, name, and data writing machines. Addressograph - Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.

○**Adhere**—Daters. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

○**Ad Mat**—Stereotype dry mat for newspaper advertising. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

Aero-Shaft — Air operated core shaft. Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.

AFCO—Ink & dampener roller solvents, chemicals and solutions. Alex. C. Fergusson Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

AFCO 44—Dampener roller cleaner. Alex. C. Fergusson Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

AFCO Ink-Zip—For cleaning rubber and synthetic rollers. Alex. C. Fergusson Co., 44 E. Oregon Ave., Philadelphia 48, Pa.

AICO—Loose leaf and indexing materials. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

Aico-Cell—Plastic tab indexes. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

○**Air Grip**—Vacuum chuck for holding plates during routing. The Monomelt Co., Inc., 1611 Polk St., N. E., Minneapolis 13, Minn.

Albany Grease—Tallow lubricating compound. Adam Cook's Sons, Inc., 5 N. Stiles St., Linden, N. J.

Albulac — Surface plate lacquer. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Alcher—Die cutting press. H. W. Brintnall Co., Div. Western Newspaper Union, 746 E. 17th St., Los Angeles 21, Calif.

○**Alchrome**—Bindery paper stock trucks. M. L. Abrams Co., 1841 Prospect Ave., Cleveland 15, O.

Alco-grip—Celluloid insertable tabbing. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

Alcoloid—Celluloid tab indexes. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

○**Aled**—Plastic plate wash, a cleaner for plastic and rubber plates. Anchor Chemical Co., 829 Bergen St., Brooklyn 16, N. Y.

Alemite—Oils and greases; manual and power lubricating equipment. Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.

Alico—Roller stock adapters for presses to convert into ball bearing type. Infra-red stereotype mat drier. Alico, Incorporated, Montague, Mass.

○**Align-A-Drill**—Tool for drilling out broken screws on linecasting machine mouthpieces. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

○**Align-A-Mat**—Matrix lug swaging tool to restore letter character alignment after lugs have become worn. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

Align-O — Process binding with page alignment. Spiral Binding Co., 406 W. 31st St., New York 1, N. Y.

Alkote—Photosensitive aluminum plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

○**All Buckle**—Folder. Russell Ernest Baum, Inc., 615 Chestnut St., Philadelphia 1, Pa.

Aller—Stainless steel offset plates. Fred'k H. Levey Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

Alnor—Pyrometers and controllers. Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill.

Alpha—Continuous tone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Alquist—Winder. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

Alum-O-Lith—Presensitized aluminum offset plate. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Ambassador—Newspaper press under blanket. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

Amco—Numbering machine ink and ready inked pads. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Amcodater—Hand dating machine. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

American—Bookbinding and stitching wires. American Steel & Wire Co., Rockefeller Bldg., Cleveland 13, O.

○**American**—Lead and rule cutter. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

○**American**—Makeready paste and pad glue; printers rollers and adhesives. American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

American—Numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

American—Press counter and press seat. F. B. Redington Co., 112 S. Sangamon St., Chicago 7, Ill.

American—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

American Coils—Air conditioning equipment. American Coils Co., 25 Lexington St., Newark 5, N. J.

American 5-in-1—Hand numbering machine. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

American Precision—Mechanical chalk overlay. Martin Cantine Co., Saugerties, N. Y.

○**American Type Founders**—Printing, offset, rotogravure and photoengraving equipment and supplies. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

American Visible—Hand numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Amprinko—Printing inks. General Printing Ink Co. Div., Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Amsco**—Electric welded steel chases. American Steel Chase Co., 31-31—48th Ave., Long Island City 1, N. Y.

○**Amtyco**—Printing inks in tubes only. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**Anchor**—Type wash, non-inflammable hard ink remover. Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.

○**Anchoroil**—Mineral oil for lubricating printing presses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Anderson—Upright trucks, drying racks, banding presses, bundling presses, automatic magazine wrapping machine, timetable folding machine, catalogue folding machine, fibre sign pasting and folding machine, celluloid cutting machine, celluloid press. C. F. Anderson & Co., 3225 Calumet Ave., Chicago 16, Ill.

Angle Steel—Cabinets, trucks, tables, galleys, furniture for printing plants. Angle Steel Inc., 127 Oak St., Plainwell, Mich.

Aniline Kleensolve—Solvent cleaning for knurled rollers. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Aniliner—Aniline or fluid ink press. Kidder Press Co., Inc., 121 Broadway, Dover, N. H.

○**Anilox**—Printing ink for aniline presses. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Anniversary—Halftone inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Anti-Work-up—Non-workup solution. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Apie—Printing ink conditioner. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Apigel—Reducing compound. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Apilith—Offset inks. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Apo-Tessar—Photographic objectives for process and lithographic work. Carl Zeiss, Inc., 485 Fifth Ave., New York 17, N. Y.

○**A.P.S.**—Cork molding blankets and gummed packing felts. American Publishers Supply Inc., 50B Salem St., Lynnfield, Mass.

Aqualine—A water soluble ink for use on aniline presses. Martin Driscoll & Co., 610 S. Federal St., Chicago 5, Ill.

○**Aqualox**—Flexographic inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Aquapaque—Dense black, water soluble, graphite negative opaque. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Aquaset—Ink set under application of steam and water. Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.

Aquasorb—Dehumidifier. Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

Aquatex—Seamless cotton knit tubing for offset and lithographic rollers. Godfrey Roller Co., 215 North Camac St., Philadelphia 7, Pa.

○**Aqua-Trol** — Moisture extracting device for offset presses. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Arabol—Book adhesives and remoistening gums. Arabol Mfg. Co., 110 E. 42nd St., New York 17, N. Y.

Arabol Pad Tex—Cold cement for padding. Arabol Mfg. Co., 110 E. 42nd St., New York 17, N. Y.

Arbeka—Cotton press tape. Arbeka Webbing Co., 1135 Roosevelt Ave., Pawtucket, R. I.

Aridifier—Compressed air cleaning and drying device. Logan Engineering Co., 4901 W. Lawrence Ave., Chicago 30, Ill.

Aristocrat—Newspaper top blanket. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

○**Arrowhead**—Black and colored inks. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

○**Arrowtone**—Black ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

○**Arrowtoners** — Newspaper process and ROP colors. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

○**Art**—Register hooks for patent base. Challenge Machinery Co., Fulton Ave. & Beech Tree St., Grand Haven, Mich.

Artype—Self-adhering acetate sheets with alphabets, arrow and signs for photographic reproduction. Artype, Incorporated, 127 S. Northwest Highway, Barrington, Ill.

○**ATF**—Abbreviation of firm name. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF—Foundry type and brass rule. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Camco—Line of folding machines. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Chief—Line of offset printing presses. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Chief 20 — Offset printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Chief 24 — Offset printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Cool Top Layout Table—Light box for stripping and opaquing offset materials. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Contact Printing Frame—Vacuum printing frame for darkroom use. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Craftsman Model 241 — Camera. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Cylinder Etching Equipment —Integrated equipment for photo printing and etching gravure and typographic cylinders. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Diaphragm Control—An electric control for diaphragm of camera lens. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Duratin—Foundry cast leads and slugs, foundry cast rule. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Flexojobber — Roll to sheet flexographic press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Flo-Mix Unit—Dry powder non-offset unit. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Green Hornet—Web-fed two color offset job press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Intaglio Halftone Process—A patented process for producing dot images suitable for gravure printing, similar to "invert halftone." American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Jogger—Automatically jogs paper by vibration. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Liqua-Spra Unit — Liquid non-offset unit. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Mastercraft—Camera. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF-Pavema—Line of flexographic presses, roll to sheet and roll to roll. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF pH Meter—An instrument for electronically measuring acidity and alkalinity. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Platemaking Trough — One-compartment sink for preparation of offset plates. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Plate Whirler—Horizontal type whirler for offset plates. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Super Chief—Offset printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF 3-Compartment Sink—Developing trough for darkroom use. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Typesetter—Text phototypesetting machine. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

ATF Vacuum Printing Frame—Offset printing frame. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Atlas—Halftone emulsion and coating solutions. Teaneck Chemical Co., Inc., 10 Walnut St., Teaneck, N. J.

Atom-Jet — Anti-offset sprayer. Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

Auroral—Dry colors. Pigments Div., Sun Chemical Corp., 10-10 —44th Ave., Long Island City 1, N. Y.

Autobinder — Strapping machine. A. J. Gerrard & Co., 1950 Hawthorne Ave., Melrose Park, Ill.

Autoclamp—Automatic plate clamp for newspaper and magazine printing presses. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Auto-Ejector—Automatic control for ejector blades. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Autoformer—For vacuum forming and electrically baking dry mats. Sta-Hi Corporation, 254 W. Washington Blvd., Whittier, Calif.

Autogrip—Truck for conveying large type forms. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

Autolift — For returning used plates to stereotype metal furnaces. Wood Newspaper Machinery Corp., 501 Fifth Ave., New York 17, N. Y.

Automatic—Numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Automatic—Saw blades. Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

Autopaster—(Automatic Junior) Full-speed web splicing machinery. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Autoplate—Automatic, Junior Standard and Heavy Duty Pony curved stereotype plate casting machinery. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Autoreel—Web roll handling equipment. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Autoshaver—Curved stereotype plate finishing machine. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Autoshift — Automatic magazine shift. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

Autospacer—Device on Intertype which automatically quads right, left or centers a line. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

Autospacer—Automatic paper cutting machine. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Autostart—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

Auto-Stitcher—Automatic wire stitching machine. F. P. Rosback Co., 5th and Park Sts., Benton Harbor, Mich.

Autostrapper — Automatic strapping equipment using oval strapping for bales, cases, cartons, skid loads. Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

Auto-Wrap—Machine which folds, flat wraps, and label addresses magazines. L. C. Martin & Associates, 238 Glenview Rd., Glenview, Ill.

A. W. Algrip—Safety steel floors for plate foundry and pressroom. Alan Wood Steel Co., Conshohocken, Pa.

A. W. Super — Diamond pattern steel floor plate. Alan Wood Steel Co., Conshohocken, Pa.

Axel—Ceramic etching machines. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

Axelette — Three paddle etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

A-Z Electric Alloy—Photoengravers plates. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. J.

A-Z—Litho platemaking equipment, whirlers, cameras, photographic printers, vacuum printing frames, arc lamps, and silk screen machines. Miller-Trojan Co., Inc., 1083 W. Main St., Troy, O.

B

B & A—Type wash. E. H. Walker Supply Co., 140 Que St., Washington 2, D. C.

Babcock—Cylinder presses, roll- and sheet-feed rotary presses and folders, cutting and creasing machines and newspaper rotogravure presses, flexographic web presses, sheet fed offset presses Babcock Printing Press Co., 3215 W. Tuse., Canton 8, O.

Backote—Acid resisting coating on back of photoengraving zinc plates. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

Baker — Gas and electric fork trucks, platform trucks. Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O.

Balanced—High speed inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Balemaster — Paper disposal and baling equipment. Balemaster Div., East Chicago Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind.

Baldwin—Press washers for rotary and offset presses, ink agitator, vibrator roller; litho water stops and water levels. Wm. Gegenheimer Co., Inc., 80 Roebling St., Brooklyn 11, N. Y.

Ballard—Process for plating rotogravure press cylinders. Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

Ball Bearing—Roller cores. William C. Hart Co., 137 Greene St., New York 12, N. Y.

Baltotype—Foundry type, borders and rules. Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md.

Bancroft—Slug-high sinkers. Ralph Bancroft Co., 324 Fifth Ave. S., Minneapolis 15, Minn.

Banthin—Small size automatic letterpress cylinder press. Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.

Barrkolor—A photographic method of reproportioning two, three, or four color process drawings or photographs and complete multicolored ads. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

Barker—Two, three or four color roll feed rotary press with hydraulic rewind. Electrotyping and stereotype finishing machines. Color plate registering system. Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.

Bar-Rack—Floor rack for temporary storage of slotted eye typemetal pigs. The Bar-Rack Co., 2530 East Ave., Akron 14, O.

Baum Quintuplet — Folding machine. Russell Ernest Baum, Inc., 1540 Wood St., Philadelphia 2, Pa.

Baumfolders—Paper folding machines. Russell Ernest Baum, Inc., 1540 Wood St., Philadelphia 2, Pa.

Bausch & Lomb—Paper fiber microscope, wide field binocular microscope, microprojector, papermaker's pocket magnifier, photomicrographic outfit, opacimeter, daylight microscope lamp. Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y.

Beacon—Bakelite molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Beck—Automatic roll sheet cutter, slitter and rewinder, sheeter-printer. Charles Beck Machine Corp., 42 Church Rd., King of Prussia, Pa.

Beda—Mechanical Ben Day proofing process. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

Ben Franklin — Composing room saw trimmer. Hammond Machinery Builders, Inc., 1604 Douglas Ave., Kalamazoo 54, Mich.

Beregh — Anti-offset spray gun equipment. Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

Betsy—Automatic collating machine. J. Curry Mendes Corp., 1 Curry Lane, Canton, Mass.

Beveridge Humidifier—Dry mats. Beveridge Paper Co., New Products Div., 717 W. Washington St., Indianapolis 4, Ind.

Big Boy—Typographic numbering machines, large stock figure machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Big Chief—8 type metal remelting furnace. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Big Chief "29" — Offset press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Bijur—High-Pressure. Continuous, one-shot and automatic hydraulically-operated lubricating systems. Bijur Lubricating Corporation, 151 W. Passaic St., Rochelle Park, N. J.

Binder-Matic—Automatic jogging, stitching and folding machine for booklets. J. Curry Mendes Corp., One Curry Lane, Canton, Mass.

Bindex—Binders in plastic. General Binding Corp., 231 S. Green St., Chicago 14, Ill.

Bingham—Rollers, glues, padding compounds. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Bingham—Rollers, glues, padding coating bases and coating composition for printing press rollers. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Bishop — Electrotype and stereotype leveling materials, curving dies, treating dies. Bishop Stansell Co., P.O. Box 35, W. Carrollton, O.

Bishop — Pre-makeready system for electrotypes. Lake Shore Electrotype Div., 1224 West Van Buren St., Chicago 7, Ill. Reilly Electrotype Co., Div. Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

Bista—Pre-makeready system for electrotypes and stereotypes. Lake Shore Electrotype Div., 1224 West Van Buren St., Chicago 7, Ill. Reilly Electrotype Co., Div. Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

Black and White Matrices—Process for blackening reference edges of line-composing machine matrices and afterward whitening the reference characters. Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.

Black Arrow — Paper trimming knives for all makes of cutters. Ohio Knife Co., B. & O. Ry. & Dreman Ave., Cincinnati 23, O.

Black Beauty—Galleys. Challenge Machinery Co., First St., Grand Haven, Mich.

Black Face—Drawsheet, 0.024 in. gauge, pyroxylin coating. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Blanket—Wash for offset printing press blankets. Martin Driscoll & Co., 610 Federal St., Chicago 5, Ill.

Blatchford — Type metals, plate mounting equipment. National Lead Co., 111 Broadway, New York 6, N. Y.

Bliss—Wire stitching machines. Bostitch, Inc., East Greenwich, R. I.

Blu Film—Silk screen stencil sheets. Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y.

Blu-print—Process for making blue prints on glass by contact. Harold M. Pitman Co., 51st Ave. & 33rd St., Chicago 50, Ill.

Blue Boy—Typographic numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

○**Blue 5000**—Cork stereotype molders. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Blue Label—Routing cutters, carbon steel cutters. John Royle & Sons, 10 Essex St., Paterson 2, N. J.

○**Blue Ribbon**—Hot molding mats for advertisers, book and job work, newspaper ROP color work, multiple casts. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

○**Blue Star**—Matrix sealing tape. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

○**Blue Streak** — Trade name for Linotype machines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Bluestone — Tailboard paper for stereotype casting box. United Stereotype Supply Corp., P.O. Box 38, West Lynn, Mass.

Blutex-War Blue — News black. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Bookleteer — Automatic collating, jogging, stitching and folding of booklets. J. Curry Mendes Corp., One Curry Lane, Canton, Mass.

Booklet-O-Matic — Automatic collating, saddle stitching and folding of booklets. Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y.

○**Booth's**—Zink cut cement. E. A. Booth Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O.

Bostitch—Staplers and paper fasteners. Bostitch, Inc., East Greenwich, R. I.

Boston—Wire stitchers and wire staplers and staples. Bostitch, Inc., East Greenwich, R. I.

Bowser — Ink and oil pumps. Bowser, Inc., Fort Wayne 2, Ind.

Brackett — Stripping machines, tipping machines, tape and trimmers, scoring and creasing machines. Brackett Stripping Machine Co., Topeka, Kan.

○**Brackett** — Trimmers. Dexter Company, Div. Miehle-Goss-Dexter, Inc., 219 E. 44th St., New York 17, N. Y.

Brighten—Roll leaf and roll leaf equipment. Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y.

○**Brightype**—Method for conversion of letterpress printing material into photographic images for use by any printing process. Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

Bronzmaster—Soldan bronzing machine. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Bronzminor—Soldan bronzing machine. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Brown—Folding machines. Brown Folding Machine Co., 3767 Chester Ave., Cleveland 14, O.

○**Brown Face**—Drawsheet, 0.016 in. gauge, duck with pyroxylin coating. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

○**Buckeye** — A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Bump—A pump for pumping ink and fluids. Bump Pump Co., 1830 West Ave., So., La Crosse, Wis.

Bur-Paste — Bookbinders paste. Burrage Glue Co., 15 Vandewater St., New York 7, N. Y.

C

○**Cairod** — Electric heating units. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

Camachine — Winders, rewinders, slitters, also web tension and side guiding controls for slitters, presses and other roll handling equipment. Cameron Machine Co., 61 Poplar St., Brooklyn 2, N. Y.

Cambridge—Printers' moisture indicator. Cambridge Instrument Co., 3546 Grand Central Terminal, New York 17, N. Y.

○**Camerama**—Overhead camera for offset, gravure and silk screen. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Canaline—Aniline type inks. Canada Printing Ink Co., Ltd., Brockhouse Rd., Box 265—Postal Station N, Toronto 14, Canada.

○**C & G**—Saw trimmers, sawliner, router, jig-saw and type high machine, universal saw blades, strip material cabinet, waste receptacles. Morrison Co., 125 W. Melvina St., Milwaukee 2, Wis.

○**C & P**—Automatic, power and lever paper cutters, cylinder presses, automatic and open platen presses, heavy duty platen presses. Chandler & Price Co., 6000 Carnegie Ave., Cleveland 3, O.

Cantine's—Precision coated American mechanical chalk relief overlay board. Martin Cantine Co., Saugerties, N. Y.

○**Capco**—Portable ink fountain; rewinder and splicer. Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.

Caprock — Gray contact screens. Caprock Developments, 165 Broadway, New York 6, N. Y.

Carbo-Matic — Automatic carbon feeding unit. J. Curry Mendes Corp., One Curry Lane, Canton, Mass.

Cardoplate — Address plates that attach to ledger cards. Addressograph - Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.

○**Carlson Hi-Lo**—Stereotype chase. Chesley F. Carlson Co., Ben Franklin Bldg., 419 S. Third St., Minneapolis 15, Minn.

Carmichael — Blankets for relief printing. Carmichael Blanket Co., 1151 Oxford Rd., N.E., Atlanta 6, Ga.

Cartridge—Bearings. Norma-Hoffman Bearings Corp., Stamford, Conn.

Carver—Steel die embossing press. The Cronite Co., North Bergen, N. J.

○**Cascade**—High speed raised printing machine. Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y.

Casco — Multiple head punching machine. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

Casper—Platen press grippers. Casper Gripper Co., 2123 E. Ninth St., Cleveland 15, O.

○**Cast-in-Cairod** — Electric heating units. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

○**Cast-Tex**—Newspaper dry mats. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

Castomatic—Metals for all printing purposes. Federated Metals Div., American Smelting & Refining Co., 120 Broadway, New York 5, N. Y.

Celanese—Polyethylene film. Celanese Corp. of America, 180 Madison Ave., New York 16, N. Y.

Celero — Flexographic and pigmented inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Celloceat—Cold top enamel. E. H. Walker Supply Co., 140 Que St., Washington 2, D. C.

Celloprinter—Rotary press for printing on cellulose tissues. Kidder Press Co., Dover, N. H.

Celluloid—(Cellulose nitrate) plastic material in sheets, rods, tubes and rolls. Celanese Corp., 180 Madison Ave., New York 17, N. Y.

Centaur — Tympan paper. Cromwell Paper Co., 4801 Whipple St., Chicago 32, Ill.

Centrifugal Cast—Treated electrotypes. Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

Cercia—Mechanical binding in metal. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

Cerflex—Mechanical binding in plastic. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

Cerlox—Plastic binding. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

○**Certified**—Syndicate and newspaper stereotype mats. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

Certifine—Tympan paper. Roll widths for every press. Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.

○**Challenge**—Unit galley cabinets, iron furniture, lever, power and automatic paper cutters, newspaper base cabinet, paper drilling machines, portable router with curved plate attachment, power ink distributor, type high unit (serving as router, router vise) storage tables, rotogravure cylinder tables. Challenge Machinery Co., First St., Grand Haven, Mich.

Challenger — Camera lamps for copy cameras. Strong Electric Corp., 87 City Park Ave., Toledo 2, O.

Champ—Tipping and book back glue. Champion Manufacturing Co., 800 N. Brevard St., Charlotte 6, N. C.

ChamPADco—Padding press and cement. Champion Manufacturing Co., 800 N. Brevard St., Charlotte 6, N. C.

○**Champion**—Cork creepers. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Champion—Non-scratch halftones, book and super black inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Champion—Padding press. Champion Manufacturing Co., 800 N. Brevard St., Charlotte 6, N. C.

Champion — Stitching machine. Acme Steel Products, Div. of Acme Steel Co., 135th St. & Perry Ave., Chicago 27, Ill.

○**Champlain**—Roll feed gravure and letterpress printing equipment, etc. Champlain Co., Inc., 88 Llewellyn Ave., Bloomfield, N. J.

Chandler—Stringing and tying machines. Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y.

Chapman—Static eliminator for presses, bronzers, feeders, folders, etc. The Portland Company, 60 Fore St., Portland 6, Me.

○**Chemco**—Stripfilm roll camera, etching machines, whirlers, stove coolers, stripping cabinets, powder boxes, stainless steel developing tanks, refrigerated sinks, stripfilm, stripfilm developer, collodion, acid sulphate solution, hardener tablets. Chemco Photoproducts Co., Charles St., Glen Cove, N. Y.

Chemical Color & Supply—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Chemigum — Synthetic resin-like plate making material. Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

○**Cheshire** — Mailing and labeling machines, counter stacker machines, labeling adhesive. Cheshire, Inc., 1644 N. Honore St., Chicago 22, Ill.

Chex — Negative stain. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

○**Chief "22"**—Offset printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**Christensen** — Continuous suction stream feeder, pile suction stream feeder, multiple-head gathering and stitching machine, high-speed bronzer. Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Chromatone — Inks. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

CK—Automatic cylinder cutter and creaser. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

○**C Kelly**—Automatic cylinder press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Clark—Newsprint roll and materials handling equipment. Clark Equipment Co., Industrial Truck Div., Battle Creek 151, Mich.

Clarkes'—Pearl Web Grippers. Special grippers for patent base. Will-Lo Products, 4518 N. Winchester, Chicago 40, Ill.

Claybourn Precision — Diagonal base and plate clamps. The Cottrell Company, Sub. Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I.

○**Clean-A-Mat**—Tool for eliminating hairlines on slugs cast on linecasting machines. Fisk Industries, 130 W. 46th St., New York 36, N. Y.

○**Clean-O-Type**—A powdered type metal flux. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

Cleveland—Black and red inks for letterpress use. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

○**Cleveland**—Paper folder. Dexter Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Climax—Paper drills. Climax Mfg. Co., 1025 E. Chestnut St., Santa Ana, Calif.

Cline—Press drives, reels, tensions and pasters. Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.

Cling-Surface—Liquid or bar preservative for transmission belts. Cling-Surface Co., 1032-48 Niagara St., Buffalo 13, N. Y.

Clipper — Belt lacers, cutters, hooks, lacers, tape lacers, cutters and fasteners. Clipper Belt Lacer Co., 974 Front Ave., Grand Rapids 2, Mich.

○**Clipper**—Printing press. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**Clipper**—Rolling table saw for composing and stereo departments. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo, Mich.

CMC—Platen printing press, corner cutter, pedestal and bench models. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

Collamatic—Gathering and collating equipment. Collamatic Corporation, State Hwy. No. 23, Wayne, N. J.

Colomat—Diazotype film for process color proofing. Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

○**Colorado Red**—Printing ink. Geo. H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Colorgraph—Color printing process without color plates. Multicolors from black and white halftone. Colorgraph Process Co., 241 E. Illinois St., Chicago, Ill.

○**Color Plate Pre-Registering Machine**—A high speed system for accomplishing precise register of two, three and four color stereotype plates for newspapers. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

Color-Sep—Unit for making screened or continuous tone process color separation negatives and positives from positive and negative transparencies. Paul Anderson Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

Colorvar—Colored overprint varnish. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Color Verter—Paper coloring machine. Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.

Colotone—Shading sheets for preseparated color copy. Bourges, Incorporated, 80 Fifth Ave., New York 11, N. Y.

Colt's Armory—Printing presses. Thomson-National Press Co., Dean Ave., Franklin, Mass.

○**Combino**—Synthetic top blanket. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Comet—Flatbed web perfecting press. The Goss Company, Div. of Miehle-Goss-Dexter Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Comet** — Linotype line-composing machine operates at 12 lines per min. May be operated manually or by Teletypesetter keyboard operating unit. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Comet**—Saw trimmer. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

○**Comet**—Platemaking camera. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Comfortaire—A dehumidifying unit. American Coils Co., Lakewood Rd., Farmingdale, N. J.

Computagram — Computing fan scale for laboratory use. Toledo Scale Co., 1015 Telegraph Rd., Toledo 12, O.

Condor—Rubber belts. Manhattan Rubber Mfg. Div., Raybestos-Manhattan, Inc., 61 Willett St., Passaic, N. J.

Consoleveler—Plate finishing machine. Bishop-Stansell Co., W. Carrollton, O.

Constant — Non-scratch printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Contrast—Copying purposes dry plates. G. Cramer Dry Plate Co., Lemp & Shenandoah Aves., St. Louis 4, Mo.

○**Cooksey**—System of web break detection and severing of the web on rotary, magazine and newspaper presses. Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill.

○**Cooper Hewitt**—A mecury vapor lamp. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

Coppersheen—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Cork-coat** — Blanket treatment. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Corkpak**—Cork stereotype molding blankets, cutting rubbers, drawsheets, folding and delivery tapes and couplers, gummed space backing felt, press packing blankets, proof press blankets, rubber bottom and top blankets, rubber stereotype creeper blankets, tympan paper, under-packing and top blankets. Corkpak Co., Inc., 70 Argyle Ave., New Rochelle, N. Y.

Corner-Matic—Round cornering machine. Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif.

Cosomatic Printer—Labeling, roller coating and decorating press for various shaped objects. Cosom Engineering Corp., 6012 Wayzata Blvd., Minneapolis 16, Minn.

Cost Cutter—A composing room saw-trimmer. C. B. Nelson Co., Div. of Fastener Corporation, 3700 River Rd., Franklin Park, Ill.

Cottrell—Rotary magazine presses, roll-feed and sheet-feed, single and multicolor web offset presses, Goebbel gravure presses and slitting and rewinding equipment, Cottrell letterpress platemaking equipment. The Cottrell Company, Sub. of Harris-Intertype Corporation, 86 Mechanic St., Westerly, R. I.

Coverwell—Inks. Martin Driscoll & Co., 610 Federal St., Chicago 5, Ill.

○**Covorite**—Offset plate gum. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Cowan—Perforating, slitting and scoring attachment for cylinder presses, perforating gripper and scorer for platen presses. Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif.

Cox-O-Type—Flatbed web perfecting press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Craco-Lith—Line-contact halftone photography dry plates. G. Cramer Dry Plate Co., Lemp & Shenandoah Aves., St., Louis 4, Mo.

Craft and Duplex—Non-meltable rollers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Craftint—Shading mediums. Craftint Mfg. Co., E. 152nd at Collamer, Cleveland 10, O.

○**Craftsman** — Automatic platen presses, heavy duty platen press, power paper cutter. Chandler & Price Co., 6000 Carnegie Ave., Cleveland 3, O.

Craftsman—Lineup table precision two-way form liner offset table. Craftsman Lineup Table Corp., 49 River St., Waltham 54, Mass.

Craftsmen—Finger-touch lead and rule cutter. Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass.

Cramaco — Embossing and die making press. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

Cramer—Electrical timers. Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn.

Crawford—Single wrapper mailing machine. MayVan Corporation, 1141 N. Washington Ave., Scranton 9, Pa.

Crawley—Rounding and backing machines. Crawley Book Machinery Co., 328 Keturah St., Newport, Ky.

Crescent—Oil rollers for offset printing. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Cresco—Letterpress inks. Crescent Ink & Color Co., 464 N. 5th St., Philadelphia 23, Pa.

Criptic—Lithographic inks. Crescent Ink & Color Co., 464 N. 5th St., Philadelphia 23, Pa.

Cromwell Special Prepared—Tympan paper. Cromwell Paper Co., 4801 S. Whipple St., Chicago 32, Ill.

Cronite—Equipment and supplies for die stamping (steel die embossing). The Cronite Co., North Bergen, N. J.

○**Cross**—Continuous paper feeders. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Crossfield—Color register control system for rotary printing presses. Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.

Crown—Dull halftone ink. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Crusader—Quick-set inks. Canada Printing Ink Co., Ltd., 15 Duncan St., Toronto 1, Canada.

○**Curle**—Line-composing matrix anvil and tool gauge assembly. Monomelt Co., 1611 Polk St., Minneapolis 13, Minn.

Curle Slug Corrector—For attachment to Intertypes and Linotypes. Curlesaw, Inc., 1725 Maple St., Los Angeles 15, Calif.

Curry Collator — Automatic collator. Manufactured by J. Curry Mendes Corp., 1 Curry Lane, Canton, Mass.

Curtis Color Analyst—Device for analyzing color in paper separation prints before etching photoengraving plates to determine color values. Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif.

○**Cushion Cork**—Cork blanket with fabric both sides. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

○**Cushman**—Offset motors for Linotypes and Intertypes. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Cutler-Hammer—Electric switches and controls for printing machinery. Newspaper conveyors and metal melting heating elements. Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.

CY — 28x41 Automatic cylinder cutter and creaser. Miller Printing Mchy. Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

C-Z—Platen press grippers. Casper Gripper Co., 2123 E. Ninth St., Cleveland 15, O.

D

Daily—Composing machine mold lubricant. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

Dampabase—Seamless undercovering for dampener rollers. Godfrey Roller Co., 215 North Camac St., Philadelphia 7, Pa.

○**Damporite**—Offset fountain solution. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Dav-A-Matic** — Offset duplicator. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Davidson**—Offset supplies; offset and letterpress inks; paper masters. Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Davidson Dual-Lith**—Offset presses, convertible to letterpress and dry offset. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Davidson Perforator—Scorers and slitters for printing presses. Davidson Perforator Co., P.O. Box 191, East Berlin, Conn.

Day—Ink mills and mixers. The J. H. Day Co., Div. of Cleveland Automatic Machine Co., 4932 Beech St., Cincinnati 12, O.

Dayco — Synthetic and rubber printing rollers for letterpress and offset; Dayco Stayput synthetic and rubber printing rollers for newspapers; synthetic rubber plate material (uncured). Dayton Rubber Co., Dayco Div., 2342 W. Riverview Ave., Dayton 1, O.

Dayco—Color separators and fountain dividers for printing presses. Dayton Rubber Co., Dayco Div., Dayton 1, O.

Day-Glo—Daylight fluorescent silk screen inks. Switzer Brothers, Inc., 4732 St. Clair Ave., Cleveland 3, O.

Dayton—Paper trimming knives. Simonds Worden White Co., Summit St. & Negley Pl., Dayton 1, O.

Deep Etch—Process for making intaglio offset press plates. Harold M. Pitman Co., 51st Ave. & 33rd St., Chicago 50, Ill.

Dek-A-Tube—High speed tubular printing press. The Goss Company, Div. of Miehle-Goss- Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Densichron—Reflection and transmission densitometers. W. M. Welch Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill.

Desomatic—Dehumidifier. Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

Detergine—Type and roller wash. Duryea Products Co., Inc., 168 Rockland Ave., Woonsocket, R. I.

Deublin—Rotating water joints for webfed presses. Deublin Company, 1155 Waukegan Rd., Glenview, Ill.

Dewset — Ink. Fred'k H. Levey Co., 380 Madison Ave., New York 17, N. Y.

○**Dexter**—Suction pile stream feeder, reloading stream paper feeder, continuous reloading cardboard feeder. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N.Y.

○**Dexter**—Jobbing folder, double sixteen folder, quadruple folder. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

○**Dexter-Cahen**—Hot melt binding. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

○**Dexter-Cahen**—Signature notcher. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

○**Dexter-de Florez**—Casing in and building in machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

○**Dexter-de Florez**—Jacketing machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

○**Dexter-de Florez**—Gluing off and end sheet machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

○**Dexter-de Florez**—High speed, sheet-fed case maker. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Diaco—Contact printer for darkroom use. Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

○**Diafram**—ATF non-offset spray gun. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Dial Taper — Tape moistener. Marsh Stencil Machine Co., 707 East B St., Belleville, Ill.

Diamant—Ink gun for platen and proof presses. Diamant Typographic Service, Inc., 140 W. 17th St., New York 11, N. Y.

Diamond—Five paddle etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

Diamond—Halftone black printing ink. J. H. & G. B. Siebold, 150 Varick St., New York 13, N. Y.

○**Diamond**—Power paper cutter. Challenge Machinery Co., First St., Grand Haven, Mich.

Dick Mailer—Hand mailing label machine. Dick Mailer, Co., The, 137 W. Tupper St., Buffalo 1, N. Y.

Diene—Moisture set ink. Crescent Ink & Color Co. of Pa., 464 N. 5th St., Philadelphia 23, Pa.

Di-Kote—Plastic fibre plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

Di-Noe—Photograph film with non-shrinking qualities. Di-Noe Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O.

○**Directomat**—Direct pressure molding presses for stereotype matrix molding and drying. Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Disston—Paper cutter knives. Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa.

Dixon — A router and type-high planer. Automatic Saw Co., 735 E. Ohio St., Indianapolis 2, Ind.

Dixon—Mold polish for typesetting machine molds. Automatic Saw Co., 735 E. Ohio St., Indianapolis 2, Ind.

D-Mount—Rubber plate printing cylinder. Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.

Do-All—Auxiliary fingers for platen press grippers, all sizes of presses. Chester L. Lance Co., 620 Browder St., Dallas 1, Tex.

DoAll—Stereo band saw. DoAll Co., 254 N. Laurel Ave., Des Plaines, Ill.

Domore — Raised letter machine. Virkotype Corp., 111 Rock Ave., Plainfield, N. J.

○**Do-More Speedster**—Saw trimmer, routers, planers. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

○**Doe Dad**—Flat casting boards. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Double Coated**—A tape for mounting cuts. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Double Grip—Gauges. E. L. Megill Co., 761 Atlantic Ave., Brooklyn 17, N. Y.

○**Double M**—Folding machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Double M—Magnesium furniture and newspaper cut mounting base. The Monomelt Co., Inc., 1611 Polk St., N.E., Minneapolis 13, Minn.

Double Purpose — Water cooled, roll-over air-cooled molds. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Doubletone—Secondary color inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Double-Wall**—Steel galleys. Challenge Machinery Co., First St., Grand Haven, Mich.

Douthitt—Gravure, offset, photoengraving, stereotype, pressroom and silk screen equipment and supplies. The Douthitt Corporation, 680 E. Fort St., Detroit 26, Mich.

Dowd—Paper trimming knives. Simonds Worden White Co., 607 Negley Pl., Dayton 7, O.

○**Doyle**—Electric sheet heater, vacuum sheet cleaner, infra-red drier and liquid static destroyer. The J. E. Doyle Co., 1220 W. Sixth St., Cleveland 13, O.

○**Doyle-Allen**—Geared vibrator roller for platen presses. The J. E. Doyle Co., 1220 W. Sixth St., Cleveland 13, O.

Drawlok—Cylinder for mounting rubber printing plates. E. A. Crawford Co., P.O. Box 216, Edgewood Sta., Providence 5, R. I.

○**D. R. D.**—Liquid offset dampener roller detergent. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Dri Shield—Anti-oxidant spray for inks. Kohl & Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.

○**Dross Sifter**—Monomelt Co., 1611 Polk St., N.E., Minneapolis 19, Minn.

Dualkote—Photosensitive aluminum plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

○**Dual-Lith**—Offset press. Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Duali 'S' Foto Unit—Combination, camera, enlarger and light table for making silk screen stencils. Modi-Graphic, Inc., 215 E. Ninth St., Cincinnati 2, O.

Ducter Roll Ink Control—For flatbed presses. Midwest Printers Supply, Inc., 1209 Sycamore, Cincinnati 10, O.

Dullset—Printing inks. Geo. H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Dumore—Litho asphaltum. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Dumperin — Metal pot charging mechanism for type metal remelting furnaces. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

○**Duorite** — Presensitized aluminum plates. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Duplex** — Combination molder. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Duplex**—Cork molder. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Duplex — Flatbed web, semi-cylindrical, unitubular, tubular, high speed web printing presses and stereotype machinery. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Duplex** — Numbering machines, type high. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Duplex—Wire Stitching machine. Gitzendanner - Muller Co., 15 Vandewater St., New York 38, N. Y.

○**Duplex Display**—Two letter Linotype matrices in 18 and 24 pt. sizes. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Duplex Non-Meltable—Composition roller. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Duplimat — Duplicating master. Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.

Dupenol—Surface roller and plate cleaner. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Duradiant—Radiant gas burners for drying and heating photoengraving plates. Selas Corp. of America, Dresher, Pa.

Duraflex—Flexographic and gravure inks. Sinclair and Valentine Co., 611 W. 129th St., New York 27, N. Y.

○**Duraplate** — Photoengraving zinc alloy, designed for long press runs and for large quantity stereotype mat production. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa; 1800 S. 54th Ave., Chicago 50, Ill.

Durol—Staging ink. Durol Ink Co., P.O. Box 335, New Paltz, N. Y.

Durolith—Aluminum offset plates. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

○**Duromat**—Stereotype dry mat for newspaper work. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○**DX**—Synthetic newspaper press roller. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

E

Eagle — Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Eagle Solvent—Type wash. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Eagloss—Gloss inks for all purposes. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Eastern**—Casting boards, matrix storage box, cork lined. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

○**Eastern**—Newspaper supplies, stereotype, composing room and pressroom. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

○**Eastern Red Fibre** — Stereotype molding board. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

○**EasyKaster**—Casting boxes. Hammond Machinery Builders, Inc., 1603 Douglas Ave., Kalamazoo 54, Mich.

E. B. Co.—22 x 34 single color offset press. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

○**Ebonite**—Plastic roller substituting for steel rollers on printing and lithographic presses. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

Eclipse Supertex—Offset black ink. Gaetjens, Berger & Wirth, Inc., 35 York St., Brooklyn 1, N. Y.

Ecomex—News ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Econo — Molded rubber printing plates, Plastiply matrices for plastic and rubber plates. Econo Products Co., 132 Humboldt St., Rochester 10, N. Y.

○**Economical**—Block system, patent base. Challenge Machinery Co., First St., Grand Haven, Mich.

Econ-O-Mist — Letterpress inks. Braznell Company, 2227 Walnut St., St. Louis 3, Mo.

Economy—Baling presses for all purposes. Economy Baler Co., 1254 N. Main St., Ann Arbor, Mich.

Economy—Paper lifters for stacking rolls, cases, bundles and skids. Economy Engineering Co., 4511 Lake St., Chicago, Ill.

○**Economy**—Vertical rotary miterer. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Economy—Sprayko fluid. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Economy Tail Piece**—Fibre tail for tubular casting boxes. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

Edes—Gravure copper. Edes Manufacturing Co., Water St., Plymouth, Mass.

Edes—Hard matrix and regular zinc plates. Edes Manufacturing Co., Water St., Plymouth, Mass.

Ektagraph — Stripping film for screen process halftone work. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Elasta—Non-meltable rollers. Godfrey Roller Co., 215 North Camac St., Philadelphia 7, Pa.

○**Electric Quadder**—Device on Linotype machines for automatic quadding with Teletypesetter operation. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Electric Spacer** — Paper cutting machine. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

○**Electromatic** — Diemakers' saws and printers' saw trimmers. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

○**Electromatic Safety**—Safety system on Linotype machines which automatically prevents shifting of magazines until all matrices are completely distributed. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Electro Sealer**—Brazing machine for steel rule. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

○**Elrod** — Machine for producing leads, slugs, rule and base material in strips. Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

Elvacet—Bookbinding adhesive. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Elvanol — Polyvinyl alcohol for stencil screens, etchings and molded printing plates and rollers. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Elwell-Parker—Electric, gas and gas-electric industrial trucks, tractors and cranes. Elwell-Parker Electric Co., 4547 St. Clair Ave., Cleveland 3, O.

○**Embee**—Folding machines. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Embossograf—Machine, type and accessories. Embosses several colors in one operation. Embossograf Corp. of America, 38 W. 21st St., New York 10, N. Y.

○**Embossograph** — Raised printing equipment, inks and compounds. Embossograph Process Co., 3720—14th Ave., Brooklyn 18, N. Y.

Emco—Automatic roll wrapping machine for newspapers. L. C. Martin & Associates, 238 Glenview Rd., Glenview, Ill.

Empco—Proportioning rule. Empco Manufacturing Co., 929 Atlantic Ave., Atlantic City, N. J.

EMPCO Shutter—Camera and enlarger shutter. Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.

Empire—Cold top enamel. Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.

Empire—Flatbed special newsprint, magazine and photo news black ink. Empire Type Foundry, 55 N. Main St., Delevan, N. Y.

Enco—Pre-sensitized offset plates. Azoplate Corporation, 555 Central Ave., Murray Hill, N. J.

○**E. N. S. Molder**—Hard cork molding blanket. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

Epico—Printing ink and compound (reducing). General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N.Y.

Equipto—Steel shelving, lockers, trucks, tables and bins. Equipto, 401 S. Highland, Aurora, Ill.

Erie—Automatic lay-boy. Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

Essar—Light integrator. Unitronics, Incorporated, 472 Paul St., St. Louis 21, Mo.

Essyew—Secondary color inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Etchorite**—Offset plate etch. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Etsco—Offset and photoengraving equipment and supplies. E. T. Sullebarger Co., 114 Liberty St., New York 6, N. Y.

○**Eureka** — Photo-making machine. Wessel Mfg. Co., 1141 N. Washington Ave., Scranton 9, Pa.

Eva-Press—Vulcanizing press for rubber plate making. American Evatype Corp., 749 Osterman Ave., Deerfield, Ill.

Ever Ready—Lever paper cutter and steel chases. Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y.

Ever-Ready—Power spray guns for all types of presses. Press Filter Co., 848 N. Crescent Hts., Blvd., Los Angeles 46, Calif.

○**Ever-Ready Servicer**—Electrically heated storage and heating mat boxes at scorcher temperature. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

○**Everyday** — Inks. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Ewald—Plunger cleaner and well brush for Linotype and Intertype machines. Plunger cleaner service wagon with dross drawer. L. Ewald Co., 14359 Beaumer St., Van Nuys, Calif.

Excello—A bright red letterpress ink for general use. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

○**Excelorite** — Mechanical negative. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Excelsior—A hand printing press. W. A. Kelsey Company, 45 Crown St., Meriden, Conn.

○**Extra Hi-Speed**—Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Extron—Non-porous synthetic rollers for letterpress and offset. The Moreland Corporation, York and Fitzwatertown Rds., Willow Grove, Pa.

F

Fabrikoid—Imitation leather. E. I. du Pont de Nemours & Co., Fabrikoid Div., Newburgh, N. Y.

○**Facekote**—Protective plastic coating for engraved plates. Atlantic Zinc Works Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

○**Face-O-Type**—Device for screening type faces. Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md.

Fade-print—Process for making image prints on engravers' metal. Harold M. Pitman Co., 51st Ave. & 33rd St., Chicago 50, Ill.

Falco—Inks and supplies. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Federated Process Metals—Metals for all printing purposes. Federated Metals Div., American Smelting & Refining Co., 120 Broadway, New York 5, N. Y. Branches: Newark, N. J.; Pittsburgh, Pa.; St. Louis, Mo.; San Francisco, Calif.; Houston, Tex.; Los Angeles, Calif.; Philadelphia, Pa.; Whiting, Ind.

Federoid—Hard ink solvent. James I. Peck, (Reg.) 47 High St., West Orange, N. J.

Ferguson—Roller gear drive. Ferguson Machine & Tool Co., Inc., P.O. Box 5841, St. Louis 21, Mo.

Fibrous Seasonal — Composition roller. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Figure 290—Ink handling system for news presses. Bowser, Inc., 1302 Creighton Ave., Ft. Wayne 2, Ind.

○**Film-Kleen**—Solution for cleaning film, glass, color filters and camera lenses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Filmotype—Letter-by-letter photographic type composing machine. Filmotype Corporation, 7500 McCormick Blvd., Skokie, Ill.

○**Finaltrim**—For trimming curved stereotype mats. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Finger-touch—Lead and rule cutter. Craftsmen Machinery Co., 75 W. Dedham St., Boston 16, Mass.

Five Star—A stereotype mat. Rapid Electrotype Co., McMicken and Race Sts., Cincinnati 14, O.

Flanol—Seamless offset dampener roller undercover. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

Flash—Black ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flashdri—Quick drying inks including heating apparatus. Fred'k H. Levey & Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.

Flashdrier — High speed drying equipment for multicolor printing. Fred'k H. Levey & Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

Flash Ink — Colors. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flecto—Gummed mat backing felt. Eastern Newspaper Supply Inc., 9603 Northern Blvd., Corona, 68, N. Y.

Flex-Back—Cold adhesive for gluing-off books and padding tablets. National Adhesives Div., National Starch Products Inc., 270 Madison Ave., New York 16, N. Y.

Flexichrome—A process for converting black and white picture copy into color copy ready for color separation in the camera. Eastman Kodak Co., 343 State St., Rochester 11, N. Y.

Flexitol—Rollers for color printing. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

Flexitrol — Motor control system for operation of printing presses. Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill.

Flexmaster—Sheet fed flexographic press. The Harley Company, 8701 Third Ave., Brooklyn 9, N. Y.

Flexo—Flexible padding glue. American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

Flexo—Stereotype metal for color printing. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Flex-O-Coil — Process binding. Sloves Mechanical Binding Corp., 225 Varick St., New York 13, N. Y.

Flexocraft—Natural or synthetic rollers for flexographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Flex-O-Felt—Gummed mat packing felt. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Flexofine—Flexographic ink. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Flexogem—Flexographic inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Flexogloss—Flexographic ink. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Flexosheen — Flexographic ink. General Printing Ink Co., Div. of Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Flexotuf—Flexographic inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Flexowriter — Typewriter-like machine for automatically typing addressed letters from IDP punched tape. Commercial Controls Corp., Sub. Friden Calculating Machine Co., Inc., 1 Leighton Ave., Rochester 2, N. Y.

Flextite — Flexible die stamping ink. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Flinker—Divider for ink fountains. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

Flintex—Halftone black ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flint-Flex—Flexographic or aniline inks. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flintglo—Process and offset inks. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Flintspray—Anti-offset spray solution. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Floered Iron—Furniture for box plants. Challenge Machinery Co., First St., Grand Haven, Mich.

FloorMaster — Industrial floor trucks. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Flux Stanlite—Type metal flux. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Force-Typographs—Automatic typographical, over type high and type high numbering machines, paging chains, rotary numbering heads, sales books, top and bottom plunger, typographic numbering machines. Daters. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Form File—Hydraulic page and galley storage elevator. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Form-Liner — For form line up. Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass.

Form-O-Scorch — Matrix driers. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Form-O-Stock—Form lift and storage. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Fotochrome—Ink for duplicating results color photography. Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill.

Fotomaster—Camera for reproportioning type reproduction proofs for making photostats and for straight camera work. Modi-Graphic, Inc., 218 E. Ninth St., Cincinnati 2, O.

Fotomat—Character bearing element for photographic line typesetting machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.

Foto-Riter — Photolettering machine. Foto-Riter Company, 63 S. 13th St., Minneapolis 3, Minn.

Fotosetter—Photographic line-composing machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.

Fotostone Mat—For halftone reproductions, hot or cold molding. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

Foto-Tape — Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, N. Y.

Fototype—Cardboard alphabets for offset-lith reproduction. Fototype Co., 1414 W. Roscoe St., Chicago 13, Ill.

Foundation — Synthetic oil-proof blanket. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Frankcolene — Cleaning fluid. Franklin Printers Supply Co., 608 Cherry St., Philadelphia 6, Pa.

Franklin—Printing catalog. Guide to printers' costs. Porte Publishing Co., 952 E. 21st St., South. Salt Lake City 6, Utah.

Freon-113—Film cleaner. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Friction Fighter—Ball and roller bearings. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Fuchs & Lang — Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Fuzon—Gummed stereotype packing felt. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

G

Gaco — Photoengravers' resist. Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque, N. M., and Graphic Arts Corp. of Ohio, 110 Ottawa St., S. E., Toledo, O.

G.B.C.—Loose leaf metal bindings. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

G-E—Fluorescent lights. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

G-E—Printing machinery motors, controls, heating units and metal-melting systems, timers, transformers, cables, wire, switch gear and register control systems. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

Gelastic—Rollers for letter and offset presses. Vulcan Rubber Products, Inc., First Ave. & 58th St., Brooklyn 20, N. Y.

Gelatine — Gelatin filters, color separators, color correction and colored sheets. Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

Gelb — Lineup tables, photomechanical lamps, color separation reproducer. Joseph Gelb Co., 52 Arlington St., Newark 2, N. J.

Gem—Special metal for use in electric etching machine. General Plate Makers Supply Co., 5441-55 N. Kedzie Ave., Chicago 25, Ill.

Gemtone—Fast-drying silk screen poster inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

General—Electric etching machine. General Plate Makers Supply Co., 5441-55 N. Kedzie Ave., Chicago 25, Ill.

General—Screen process printing press. General Research & Supply Co., 572 S. Division Ave., Grand Rapids 3, Mich.

Georgian-Silver — Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Giant—Machine for casting type, quads, spaces and furniture (for spacing and to serve as base for mounting cuts) in all sizes from 14 to 72 pt. Lanston Monotype Co., 24th and Locust Sts., Philadelphia 1, Pa.

Gilbertville—Roll cutting machine. Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis.

Glascote — Cold enamel, cold enamel developer. Chemco Photoproducts Co., Glen Cove, N. Y.

Glas-print — Process, negative to positive, or vice versa, on glass, by contact. Harold M. Pitman Co., 51st Ave. & 33rd St., Chicago 50, Ill.

Glazcote — Ink conditioner for scratchproof finish. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

Glider—Camera for Graphic Arts reproduction work. W. A. Langford Co., 10114 S. Crandon Ave., Chicago 17, Ill.

Glider Trim-O-Saw — Composing room saw-trimmer. Hammond Machinery Builders, Inc., 1603 Douglas Ave., Kalamazoo 54, Mich.

Globe—Numbering machines and numbering devices. Ameurope, Inc., 535 Communipaw Ave., Jersey City 4, N. J.

Glo-Brite—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Glo-Ray—Gloss inks. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Glostone—High-gloss printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Gluemaster—Gluing machine. Kenneth J. Moore & Co., 1778 W. Estes Ave., Chicago 26, Ill.

Godfrey — Printers' composition rollers, rubber rollers. Godfrey Roller Co., 211 North Camac St., Philadelphia 7, Pa.

Goedite Graphic Roller — Fabric covered graphic non-meltable feed roller for use on newspaper, corrugated box, steel die engraving presses requiring washups frequently. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Goerz Red Dot Artar—Photo-lens for photoengravers and lithographers. Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y.

Go-Getter—Electric lift truck. Revolvator Company, 2096—86th St., North Bergen, N. J.

Gold—Tympan drawsheet, 0.012 in. gauge, skivered surface. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Golden Arrow—Bronzing machine. Kidder Press Co., Inc., Dover, N. H.

Goldsheen—Metallic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Golvescer—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Goodrich—Offset blankets (used in offset printing), and offset rollers. B. F. Goodrich Industrial Products Co., Akron 18, O. (Niles & Nelson, 75 West St., New York 6, N. Y., exclusive distributors.)

Goodrich—Printers' rollers. Niles & Nelson, 75 West St., New York 6, N. Y.

Goodrich—Relief printing materials; engraving rubber; unvulcanized printing rubbers for molded rubber plates; sponge rubber; adhesive fabrics and rubber cements for bonding rubber plates to wood mount or metal saddles. B. F. Goodrich Industrial Products Co., 500 S. Main St., Akron 18, O.

Goodyear—Black synthetic face felt, synthetic intermediate, high speed red top under blankets for newspaper presses. Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass.

Go Frene—Synthetic rubber rollers, litho and offset. Godfrey Roller Co., 211 North Camac St., Philadelphia 7, Pa.

Goss — Flatbed web, newspaper, magazine, color and rotogravure presses. Stereotype equipment. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Goss-Gravure—Roll feed rotogravure press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Goss-Speedry—Rotogravure press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Goss-Reel-Tension-Paster — Automatic web splicing device. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

G-P (General Purpose) — Typographical numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

GPI—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Graeber—Stringer and knotter for stringing booklets. Shipping and merchandise tags. Graeber Stringing & Wiring Machine Co., 375 Eleventh Ave., Paterson 4, N. J.

Grafare—Arc lamps for photoengraving offset and silk screen. The Strong Electric Corp., 87 City Park Ave., Toledo 1, O.

Grafa-Tone Screen—Special design photoengraving screen. Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y.

Graham—Variable speed transmission. Graham Transmissions Inc., Menomonee Falls, Wis.

Graph — Black negative opaque. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Graph-Air—Graphite gun lubricator for line-casting machines. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

Graphic Rollers, Ideal—Non-meltable glue and glycerine rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Graphotype—Type embossing machines. Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.

Gratone—Direct pressure and transfer stereotype mat. Wood Flong Corp., Hoosick Falls, N. Y.

Graytone — Lithographic rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Green Cer — Kraft and colored kraft gummed tapes, gummed Hollands, gummed cloth and gummed sisal tapes. Mid-States Gummed Paper Co., 6850 S. Harlem Ave., Bedford Park, Ill.

Green Seal — Pastes and glues. Green's Paste Works, 200 Liverpool Rd., P.O. Box 7, Salina Sta., Syracuse 8, N. Y.

Griptite—A label adhesive. Paisley Products, Inc., 1770 Canalport Ave., Chicago 16, Ill.

Griptite—A stereotype prepared packing felt. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

○**Griptite** — Autoplate drive belt. American Publishers Supply, Inc., 50B Salem St., Lynnfield, Mass.

Grob—Band sawing machine. Harold M. Pitman Co., 51st Ave. and 33rd St., Chicago 50, Ill.

Groton—Treated tympan paper. Hollingsworth & Vose Co., East Walpole, Mass.

○**G-W**—Pneumatic lowering machine for handling newsprint rolls. Gifford-Wood Co., One Hudson Ave., Hudson, N. Y.

H

○**Hadego** — Phototypesetting machine. Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y.

Haida — Aniline presses. Special machines for making carbon paper, inked ribbons and foil. Coloring and laminating, gumming and varnishing. Hot wax spot carbonizer. Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y.

Halm Jet Press—Card and envelope printing press. Halm Industries Co., Inc., Glen Head Rd., Glen Head, N. Y.

Hamilton—Composing room equipment, wood type, poster boards, backing lumber and engraving woods. Hamilton Mfg. Co., Two Rivers, Wis.

Hamilton—Rotary printing presses, slitters, perforators, punches, etc. Stereotype casting boxes. Hamilton Tool Co., Ninth and Hanover, Hamilton, O.

Hammer — Photographic film for photomechanical reproduction processes, photographic dry plates. Consolidated - Hammer Dry Plate & Film Co., 1112 N. Homan Ave., Chicago 51, Ill.

○**Hammond**—Composing room saw trimmers and stereotype flat casting boxes, routers and shavers. Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich.

H & V Jute Tympan — Treated tympan paper. Hollingsworth & Vose Co., East Walpole, Mass.

○**Handy**—Newspaper files. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

○**Handy-Oil**—For lubricating numbering machines. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Hardshell—Halftone inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Hard-Tex—Metal decorating inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Hardtop—Non-rubbing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Harris** — Offset, letterpress and metal decorating presses; bindery equipment. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Harris—Offset platemaking chemicals. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Harvest—Yellow offset ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Haz-el-ite—Plastic base for mounting rubber plates. Lockwood Company, Inc., 125 N. Fifth St., Atchison, Kan.

Headliner—Photolettering machine. Vari-Typer Corporation, 720 Freilinghuysen Ave., Newark 5, N. J.

Headliner Press—The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Heavy Duty 40** — Paper cutter. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

HECTOmasterGRAPH—Hectograph master copy sets. General Manifold & Printing Co., Franklin, Pa.

○**Heidelberg**—Platen and cylinder presses. Heidelberg Automatic presses. (See Manufacturers' Index).

Hempel—Quoins and quoin keys. H. A. Hempel, 586 Tonawanda St., Buffalo 7, N. Y.

○**Henderson Cylinder Etching Equipment**—Integrated equipment for photoprinting and etching gravure and typographic cylinders. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

○**Henderson Intaglio Halftone Process**—A process for producing dot images suitable for gravure printing, similar to "invert" halftone. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Henschel—Bronzing machines and aniline presses, laminating equipment. C. B. Henschel Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.

Herrick — Inks. Halftone blacks, non-scratch blacks, dull blacks, process colors, process web-printing colors. William C. Herrick Ink Co., Inc., One Maple St., East Rutherford, N. J.

Hess & Barker—Two, three or four color roll feed rotary press with hydraulic rewind. Electrotyping and stereotype finishing machines. Color plate register system. Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa.

Hidensity — Deep etch sensitive coating. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

High-Speed — Miller (HS) automatic job cylinder press. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

High-Speed—Drawsheet for newspaper presses. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

Higravity — Deep etch sensitive coating. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

○**Hill Plastex**—Direct pressure mat for black and white and also ROP color reproduction. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○**Hi-Lo**—Stereotype chase. Chesley F. Carlson Co., Ben Franklin Bldg., Minneapolis 15, Minn.

○**Hi-quality**—Steel stereotype molding sheet. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Hi Speed**—Quoins. Challenge Machinery Co., First St., Grand Haven, Mich.

Hobbs—Die cutting press. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

○**Hoe**—Newspaper, magazine, multicolor, rotogravure, metal decorating, and offset presses. Stereotype machinery. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

○**Hoe Super-Production Magazine and Rotogravure Presses** — R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

○**Hoerner**—Type-high machine, type-high plane and shuteboard with attachment for beveling plates for use on patent bases. Challenge Machinery Co., First St., Grand Haven, Mich.

Holdfast—Liquid drier. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

○**Holdfast**—Non-scratch ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Holdfast—Paper hangers for conditioning paper. Southworth Machine Co., 30 Warren Ave., Portland 5, Me.

Hold-Fast—Press grippers. Chester L. Lance Co., 620 Browder St., Dallas 1, Tex.

Honeycomb — Original Blatchford honey comb base for plate mounting and registering. National Lead Co., 111 Broadway, New York 6, N. Y.

○**Honig**—Rule and slug cutter. Universal Mono-Tabular Corp., 706 Olive St., Dallas 1, Tex.

○**Horizontal**—Medium size two-revolution flatbed press. Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

○**Hot Melt**—Equipment for coating paper and similar substances with thermoplastic material for protection and better wearing qualities. Standard Process Corp., 2704 W. Roscoe St., Chicago 18, Ill.

Hot Spot Carbonizer — J. Curry Mendes Corp., 1 Curry Lane, Canton, Mass.

H. S. — Rollers for newspapers. Dayton Rubber Co., 2380 Riverview Ave., Dayton 7, O.

○**HS**—Symbolic abbreviation of firm name. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

Huber—Inks for all printing processes, dry colors, carbon black, varnishes and compounds. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Huberex—Untoned news ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Huberex Econex—News ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Huberex Suprex — Special tinted news ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Hubertone—Toned news ink. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Humiset—Moisture set ink. Hill-Hentschel Co., 3928 Clayton Ave., St. Louis 10, Mo.

Hunt—Chemicals for photoengraving and offset platemaking. Philip A. Hunt Co., Palisades Park, N. J.

Hurletron—Electronic timing device for photoengraving offset and gravure platemakers, d.c. press drive. Electric Eye Equipment Co., 1938 E. Fairchild St., Danville, Ill.

Hydraulic — Lift truck, handlift and foot-lift operation. Lewis-Shepard Sales Corp., 125 Walnut St., Watertown 72 Mass.

Hydro—Oil inks to approximate water color inks. Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.

○**HydroCaster** — Hydraulic electrotype plate caster. Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.

Hydro-Etch—Used either as offset plate or fountain etch. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Hydrogum—For gumming up offset press plates or in fountain solutions. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Hydroelectric—Electric powered lift trucks. Lift Trucks, Inc., 2425 Spring Grove Ave., Cincinnati 14, O.

Hydry—Steam-set inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Hyklas—Transfer paper. J. H. & G. B. Siebold, Inc., 150 Varick St., New York 13, N. Y.

Hyklass—Equipment and supplies for offset lithography. J. H. & G. B. Siebold, Inc., 150 Varick St., New York 13, N. Y.

Hyox—Extenders and pigments for printing and litho inks. Lithoplate, Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

○**Hypothiolate**—Wetting agent for ink makers only. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

Hypromatic—Rotary and flat-bed presses for offset, dry offset, aniline, rotogravure printing. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

Hypro-slit—Slitters and rewinders. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

Hyroto—Color rotogravure presses, coating and laminating machines, waxing machines. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Hytin—For maintaining type metal at formula. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

I

Ideal—An endless saw belt for Junior Autoplate machine. United Stereotype Supply Corp., P.O. Box 38, W. Lynn, Mass.

○**Ideal**—Box stitchers. Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Ideal—Circular saws. John Royle & Sons, 10 Essex St., Paterson 3, N. J.

○**Ideal**—Curved plate routing and matrix rolling machines. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

○**Ideal**—Form trucks. H. B. Rouse & Co., 2214 N. Wayne Ave., Chicago 14, Ill.

Ideal—Stereotype bakelite molding board. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

Ideal Best-Test—Dispensers. Union Rubber & Asbestos Co., 232 Allen St., Trenton, N. J.

○**Ideal Rollers**—Vulcanized oil rollers for typographic distributors, proof, photoengravers, hand rollers and lithographic press rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Illinois—Zinc offset plates. Illinois Zinc Co., 2959 W. 47th St., Chicago 32, Ill.

○**Imperial**—Line and typesetting machine metal, stereotype and electrotype metal. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

○**Imperial**—Polished zinc plates for photoengraving. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

○**Imperial** — Stereotype molding creeper. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Imperial—Water fountain solution concentrate. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

○**Imprestomat**—Cold molding mat for color, job, magazine work. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

○**Improved Satisfaction**—Drawsheet 0.024 in. gauge. Coated with Cavalprene on a fabric that has been impregnated with Neoprene. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Impsco—Humidifier. Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y.

Inc-O-Ink — Printing and lithographing inks. Inco Company, Inc., 2372 W. Seventh St., Cleveland 13, O.

Inc-O-Lin — Reducer. Inco Company, Inc., 2372 W. Seventh St., Cleveland 13, O.

Inco-Solvent—Type cleaner and roller wash. Inco Company, Inc., 2372 W. Seventh St., Cleveland 13, O.

Inc-O-Wax—Wax compound for process inks. Inco Company, Inc., 2372 W. Seventh St., Cleveland 13, O.

Indian—Remelt furnace, continuous operation. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

○**Indian Head Copper** — Copper plates for photoengraving. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y. Rolled Plate Metal Co., 210 Van Brunt St., Brooklyn 31, N. Y.

○**Inkmaster**—Typograph vulcanized oil distributors. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Inkote—Prevents skinning of ink. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Insta-Lith—Offset ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Insurance Policy Black — Bond printing ink. Fred'k H. Levey Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y.

In-tag—Intaglio or gravure inks, overprint lacquer. In-tag Div., Interchemical Corp., 67 W. 44th St., New York 36, N. Y.

International — Halftone screens. Moore Laboratories, 70 W. Montcalm Ave., Detroit 1, Mich.

Intertype — Linecasting machines. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y.

Invis-O—Process binding. Sloves Mechanical Binding Co., 601 W. 26th St., New York 13, N. Y.

Ionostat—Instrument for determining existence of static and for measuring the degree. United States Radium Corp., Morristown, N. J.

Ionotron Static Eliminator—Static eliminating device for printing machinery. United States Radium Corp., Morristown, N. J.

IPI—Typographic and offset inks. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

IRC—Printing rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Iron Fireman — Automatic coal burners for metal furnaces. Iron Fireman Mfg. Co., 3170 W. 106th St., Cleveland 11, O.

Ironsides—Tympan paper. Cromwell Paper Co., 4801 Whipple St., Chicago 32, Ill.

I. S. — Jogging machine. Ilya Scheinker, 35 Great Jones St., New York 12, N. Y.

Isolith—Offset press with refrigerated cylinder. Miehle Company, The, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

J

JPS—Ball bearing pillow blocks. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Jack Lift—Multiple stroke mechanical lift trucks. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Jacques—Slitter and rewinder and hand and power shears. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

Jampol — Conveyors, drops and tables. Jampol Company, Inc., 728—61st St., Brooklyn 20, N. Y.

JCM — One-time carbon binding machine and collating machines. J. Curry Mendes Corp., 1 Curry Lane, Canton, Mass.

Jellitac—Wheat paste. Arthur S. Hoyt Co., 20 Jerusalem Ave., Hicksville, L. I., N. Y.

JGP—Deep-etch chemicals. Jones Graphic Products Co., 320 Broadway, S.E., Albuquerque, N. M.

Jiffy — Padding press. Gibson-Morrow Specialties, 6333 S. Ashland Ave., Chicago 36, Ill.

Jiffy—Surface plate developing ink. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

JogAway—Paper jogging machine. The M. L. Abrams Co., 1841 Prospect Ave., Cleveland 15, O.

Johne Continuous—Automatic 3-knife trimmer. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Johnson—Padding compound and glue. Wm. R. Johnson Co., Inc., 3131 Western Ave., Seattle 1, Wash.

Johnson Perfection — Gas burner sheet heater. J. E. Doyle Co., 1220 W. 6th St., Cleveland 13, O.

Jomac—Offset dampener roller cleaner and dryer; roller coater. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

Jones—Automatic press web tension governor. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Jordan Feeder—Feeds metal into line and typesetting machines and lead and rule casters on continuous chain. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Jubilee — Etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

Junior — Lead and rule cutter. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

Junior and Senior — Stereotype matrix sealing tape moistener. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

Justowriter—Machine for typing copy for photo-offset reproduction from a strip of perforated tape. Commercial Controls Corp., Sub. Friden Calculating Machine Co., Inc., 1 Leighton Ave., Rochester 2, N. Y.

Justrite — Non-explosive safety benzine cans, and oily waste cans. Justrite Mfg. Co., 2061 Southport Ave., Chicago 14, Ill.

K

K & B—Box, carton, package and paper finishing machinery. M. D. Knowlton & Co., 28 Industrial St., Rochester 14, N. Y.

Kast—Collating and gathering machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Kelly — Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Kelly Kurve—Oiled and unoiled tympan paper for all job cylinder and other presses. Triplet Gauge, 14 Vandewater St., New York 38, N. Y.

Kelsey—Small hand and motor operated platen presses. W. A. Kelsey Co., 45 Crown St., Meriden, Conn.

Kem-Lon—Wipe-on surface plate chemicals. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Kemp—Immersion melting system for stereotyping. C. M. Kemp Mfg. Co., 405 E. Oliver St., Baltimore 2, Md.

Kenro — Graphic Arts, process, photocopy, and xerographic cameras. Kenro Graphics, Inc., 25 Commerce St., Chatham, N. J.

Kensol—Gold stamping and embossing press. OlsenMark Corporation, 124 White St., New York 13, N. Y.

Kidde—Fire prevention and burglar alarm equipment. Walter Kidde & Co., Inc., 657 Main St., Belleville 9, N. J.

Kidder—Straight and interchangeable cylinder rotary letterpress rubber plate presses. Kidder Press Co., Dover, N. H.

King—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

KleanKarbon—Carbon papers. General Manifold & Printing Co., Franklin, Pa.

Klean Quick—Press washup compound. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Kleen Cut—Rubber and linoleum mounting blocks, cutter sticks, reglets and furniture, cherry and basswood mounting blocking. Irwin Manufacturing Co., Inc., Main St., Garland, Pa.

Kleen-Stik—An all-over gummed stock. Kleen-Stik Products, Inc., 7300 W. Wilson Ave., Chicago, Ill.

Kleenwell — Cleaner for matrices. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Kluge—Automatic feeder and automatic platen press. Brandtjen and Kluge, Inc., Gaultier at Como, St. Paul 3, Minn.

Kni—Offset plate wax to sharpen and increase life of offset plates. Bowers Printing Ink Co., 2655 W. Irving Park Blvd., Chicago 18, Ill.

Knoxall — Press blankets, roller covering. Edward H. Best & Co., P.O. Box 1752, Boston 5, Mass.

Kodachrome—Direct color photographic film for making process plates. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Kodagraph — Films and plates. Eastman Kodak Co., 343 State State St., Rochester 4, N. Y.

Kodalith — Transparent stripping film. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Kohler — System for magazine reels, web tension, flying pasters, transfer table, paper roll dollies and track, splicing compound, unwinding stands, rewinding stands. Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

Korfund Vibration Isolators—For isolating stationary machinery against vibration and noise. Korfund Co., Inc., 48-15 32nd Pl., Long Island City 1, N. Y.

Korker—Firm underpacking blanket for rotary newspaper presses. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Koroseal—Plastic. B. F. Goodrich Industrial Products Co., 500 S. Main St., Akron 18, O.

Kotavachrome Professional Prints—Made from Kodachrome professional film transparencies. Eastman Kodak Co., 343 State St., Rochester 4, N. Y.

Kreonite—Fibre glass sinks and trays for platemakers. Kreonite, Incorporated, 1709 S. Hillside, Wichita 17, Kan.

Kromo-Lite—A process for treating copy for automatically dropping out highlights from wash drawings in photoengraving and offset halftone negatives. Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y.

Kuvaroll—Seamless cloth covered rollers. Wm. C. Hart Co., 137 Greene St., New York 12, N. Y.

Kwic-Klean—Matrix reference rubber. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

Kwikplate — Vacuum printing frame for use with pre-sensitized plates. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

L

Lacey-Luci—Camera for making line and halftone negatives, silk screen positives, photo copies and burning-in paper, plastic and aluminum offset plates. Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J.

Lake Erie Acraplates — Molded rubber printing plates and resinous matrices. Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y.

Lamson—Ink and overlay knives, makeready knives. Lamson & Goodnow Mfg. Co., Shelburne Falls, Mass.

Langitex 9000 — Cork molders. American Publishers Supply, Inc., P.O. Box 421, Lynnfield, Mass.

Lanston — Typecasting machines, photocomposing machines, engraving, offset, gravure and silk screen machines and equipment. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Lanston M-H—Vertical step and repeat machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Latham Monitor — Wire stitching machines. Bostitch, Inc., East Greenwich, R. I.

Laureate—Platen printing presses. Thomson-National Press Co., Dean Ave., Franklin, Mass.

Lawson—Power driven silk screen squeegee. Lawson Printing Machine Co., 4453 Olive St., St. Louis 8, Mo.

Lawson—Autospacer cutters, feed trimmers, book trimmers, grinding machines, paper cutters, mill trimmers, paper drills and slotters. The Lawson Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Leader—Cork molders. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Leak-Proof—Ink fountain divider. Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O.

Lee—Two-revolution flatbed cylinder press. Challenge Machinery Co., First St., Grand Haven, Mich.

Leedal — Stainless steel sinks, trays, tables and cabinets for Graphic Arts use. Leedal, Incorporated, 2929 S. Halstead St., Chicago 8, Ill.

Legibility Group—A group of type faces designed for extra legibility for use in publication work. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Lens-O-Matic—Automatic halftone exposure control which automatically and gradually closes a diaphragm blending the various tones, highlight, middletone and shadows. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

LePage's—Flexible glue and cold padding compound. Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.

Leslie—Paper conditioner. Tompkins Printing Equipment Co., 712 S. Clark St., Chicago 5, Ill.

Levelators — Hydraulic lift for elimination of ramps and for use where vertical movement is required. Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.

Lever—Numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Levey—Aller plates and chemicals, driers, web offset and rubber plate presses. Fred'k H. Levey Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa.

Levy—Screens for photoengraving, offset and rotogravure. Max Levy & Co., Wayne Ave. & Berkley St., Philadelphia 44, Pa.

Lewis—Etching press for making etching reproductions. Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y.

Lexide—Cover material. Latex Fiber Industries, Inc., Beaver Falls, N. Y.

Light Aligner—Device aiding line-up work. Hamilton Mfg. Co., 1316—18th St., Two Rivers, Wis.

Limited—Mechanical binding. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

Lightning—Dryer compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Lightning Set—Compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Lindel—Tricresyl, phosphate plasticizer, ingredient for high pressure lubricants, ingredients for coating fabrics and papers. Celanese Corp., 180 Madison Ave., New York 16, N. Y.

LineR-Grips — Striplike material for locking in forms between type and chase. C. R. Greene Printing Co., 115 N. 4th St., Tipp City 1, O.

Link-Belt — Conveying, elevating and power transmission chains and machinery. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Linoflim—Photographic line typesetting machine. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Linolamp—Fluorescent lamp for linecasting machine operators. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Linolite—Linolite magazine. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Linopress—Imprinting press. The Deskfinder Company, P.O. Box 337, Costa Mesa 1, Calif.

Lino-Saw—Saw attachment for linecasting machines. Mohr Lino-Saw Co., 5015 N. Ridgeway Ave., Skokie, Ill.

Line-Slug—Routers which decrease the height of non-printing parts of slugs when they take ink from rollers and cause smear on paper. Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y.

Line-Therm — Tubular immersion type Linotype electric metal pot heaters. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Linetape Dri-Stain Process—Process for making linecomposing machine matrix reference characters easily readable. Dri-Stain Products Co., 3421 Lafax Ave. A, Denver 6, Colo.

Linotype — Composing machine. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Lite-Base—Precision base. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

Lithalum—Metallic finish inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Lithengrave — Offset plate (bimetal). Printing Developments, Inc., 9 Rockefeller Plaza, New York 20, N. Y.

Lith-Kem-Ko — Deep-etch offset platemaking chemicals. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, L. I., N. Y.

Lith-Kem-Kote — Surface plate etch. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, L. I., N. Y.

Lith-Kem-Kote "N"—Offset surface plate coating. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, L. I., N. Y.

Litho — Transparent photographic medium for all types of reproduction processes. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Lithocraft — Oil-resisting rubber rollers for lithographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Litho Damps—Synthetic lithographic dampening rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Lithoday—Offset inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Lithogem—Offset inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Litholastic—Rollers for offset and lithographic presses. Reeves Brothers Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

Lithomatic—Offset press. Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn.

Litho-perf — Flexible steel band with cutting teeth for perforating on an offset press. H. S. Boyd Co., 6525 E. 24th St., P.O. Box 5014, Tulsa, Okla.

Lithoprint—Rubber or synthetic rubber composition for offset presses. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Litho-Snap — Flexible strip for snap-out perforating on an offset press. H. S. Boyd Co., 6525 E. 24th St., P.O. Box 5014, Tulsa, Okla.

Litho-score — Flexible strip with creasing edge for use on offset presses. H. S. Boyd Co., 6525 E. 24th St., P.O. Box 5014, Tulsa, Okla.

Litho Solvent—Roller and blanket press wash. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Lithotine—Turpentine substitute. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Lithox — Quick-drying offset-lith ink, paper and metal. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Lithure—Offset plates (tri-metal). Printing Developments Inc., 9 Rockefeller Plaza, New York 20, N. Y.

Lithwash—Offset blanket and roller wash. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Little Chief—A type metal remelting furnace. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Little Giant—High speed letterpress machine. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Little Giant — Folding machine. Russell Ernest Baum, Inc., 1540 Wood St., Philadelphia 2, Pa.

Little Giant—Tork clocks. Tork Time Controls, Inc., 11 Grove St., Mt. Vernon, N. Y.

Little Lifter—Electric portable elevator. Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.

LNF—Bond and cover inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Load Master—Arc-welded steel storage racks for drums, barrels, etc. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Localities — Localized lighting units. Fostoria Pressed Steel Corp., 1200 N. Main St., Fostoria, O.

Lock Pawl Equipped—Typographic numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Lock Wheel—Typographic numbering machines. Wetter Numbering Machine Co., Atlantic Ave. & Logan St., Brooklyn 8, N. Y.

Log-Etronic—Enlarging and contact printing equipment with automatic masking and exposure control. LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va.

Lone Star—Metal remelting furnace. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Lox-All—Waterproof cement. Lox Mfg. Co., 3310 E. 31st St., Kansas City 28, Mo.

Lox-Seal—Cut cement. Lox Mfg. Co., 3310 E. 31st St., Kansas City 28, Mo.

Lubrihide—Connecting pins for tape and belt joints. Clipper Belt Lacer Co., 974 Front Ave., N. W., Grand Rapids 2, Mich.

Lubriplate—Lubricants for lubrication of printing machinery of all kinds. Lubriplate Div., Fiske Bros. Refining Co., 129 Lockwood St., Newark 5, N. J.

Lubrix — Prevents line-casting mouthpiece from clogging and plunger from sticking. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Ludlow—System of hand-set, slug-cast job and display composition, slug shear, slug surfacing machine. Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.

Ludwick—Induction electric metal pot, metal feeder and thermostat for composing machines. Electric Heating Co., 8616 Madison Ave., South Gate, Calif.

Lumalith—Metallic finish ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Lumarith—Cellulose acetate plastic material in sheets; rods, tubes and rolls; molding powders. Celanese Corp., 180 Madison Ave., New York 18, N. Y.

Lumarith Protectoid — Cellulose acetate transparent packaging and laminating materials in rolls, cut-to-size sheets, stock size sheets. Celanese Corp., 180 Madison Ave., New York 18, N. Y.

Lustro—Glossy letterpress inks. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Luxometer—Light integrator. Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J.

M

McAdams—Pen and disc ruling machines, paging and numbering machines, imprinting press, folding machines, inserters. John McAdams & Sons, Inc., 20 Knight St., Norwalk, Conn.

Macbeth — Color matching lamp and booth; inspection lamps; densitometers. Macbeth Corporation, P.O. Box 950, Newburgh, N. Y.

Macbeth—Color fastness to light testing machine. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macbeth — Constantarc constant color and intensity motor-controlled arc lamps. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macbeth Airflow — Enclosed arc lamps for air conditioned plants. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macbeth Photoarc — For vacuum frame and photocomposing machine use. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Macey — Automatic collating and stitching machines. Macey Company, Sub. of Harris-Intertype Corp., 5350 W. 130th St., Cleveland 30, O.

Maceymatic — Collating machine. Pitney-Bowes, Inc., Walnut and Pacific Sts., Stamford, Conn.

Magic—Type and roller wash; offset blanket wash. Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

Magic Wand — Static neutralizer bar. Herman H. Sticht Co., Inc., 27 Park Pl., New York 7, N. Y.

Magnastep—Step and repeat machine and vacuum frame. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Magplate—Magnesium backing for photoengraving. Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich.

Malloy Metal — Photoengravers' zinc alloy plates. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

Mal-mar — Bookbinding adhesive. Merritt Products Co., 1747 Chester Ave., Cleveland 14, O.

Mamco—Overlapping sheet deliveries, sheet counting and pile tagging devices, sheet inspection equipment, sheet pilers and joggers, paper sheet size tester. Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

Mamco—Electric drying equipment for flexographic inks. Master Appliance Mfg. Co., Fourth and Ontario Sts., Racine, Wis.

Mammoth—Iron furniture. Challenge Machinery Co., First St., Grand Haven, Mich.

M&L—Plate mounting base. M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.

Manhattan—Rollers and rubber belts. Manhattan Rubber Mfg. Div. of Raybestos-Manhattan, Inc., Passaic, N. J.

Marathon — Metal for long run stereo plates. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Margach—Feeder for Linotype, Intertype, Monotype, Ludlow, Elrod machines. Margach Mfg. Co., 47 Wooster St., New York 13, N. Y.

Markem—Presses for printing and imprinting odd sized objects. Markem Machine Co., 50 Congress St., Keene, N. H.

Markocoder—Conveyor attachment for code dating bottoms of jars, cans, etc. Adolph Gottscho, Inc., 6 Evans Terminal, Hillside 5, N. J.

Markoprinter — Printing machine for printing cases, boxes and cartons. Adolph Gottscho, Inc., 6 Evans Terminal, Hillside 5, N. J.

Maria—Open gear spray lubricant, spray anti-skinning agent for ink. Rothlan Corporation, P.O. Box 5074, St. Louis 15, Mo.

Markwell—Stapling and stitching machines and wire; stencil and marking supplies. Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y.

Martin—Semi-automatic roll wrapping machine for magazines or newspapers; automatic double fold wrapping and label addressing machine for newspapers. L. C. Martin & Associates, 238 Glenview Rd., Glenview, Ill.

Master—Band saw. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Master—Aniline press. Kidder Press Co., Dover, N. H.

Master—Engraved steel and copper embossing rolls. Modern Engraving & Machine Co., 1413 Chestnut Ave., Hillside 5, N. J.

Master—Etching machines for photoengraving. Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.

Master—Hydraulic embossing machines. Modern Engraving & Machine Co., 1413 Chestnut Ave., Hillside 5, N. J.

Master Flong—No-pack stereotype mat. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

Master Former—Newspaper page mat forming and drying machine. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Master Jack Lift—Lift truck. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Masterlith—Vulcanized oil litho rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Master Matcher—Color comparator and registering machine for stereotype color mats. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Master Model—Single distributor Blue Streak Linotype. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Mastercraft—Line of offset platemaking equipment. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Masterpiece—Cork molding creeper. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

Master Rotary Shaver—For shaving stereotype printing plates to uniform thickness. Monomelt Co., 1611 Polk St., N. E., Minneapolis 13, Minn.

Master Router—John Royle & Sons, 10 Essex St., Paterson 3, N. J.

Master Router—Curved newspaper page plate routing machine. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Master Trimmer — Newspaper curved mat registering and trimming machine. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Match-Box—Kit for matching colors and making small quantities of ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Material Maker—Monotype casting machine which makes strip materials such as leads, slugs, rules and borders. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Mat Master—Centrifugal scorcher. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Mat-Pak — Packless stereo mat molding material. Kimberly-Clark Corp., Neenah, Wis.

Matri-Chek—Automatic matrix inspection machine. Quality Control Corp., Automation Div., 401 Broadway, New York 13, N. Y.

Matri-Swage — Semi-automatic matrix repair machine. Quality Control Corp., Automation Div., 401 Broadway, New York 13, N. Y.

Matrix Contrast Service—Provides continuous maintenance of Black and White and other contrasts on linecasting machine reference marks. Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.

Matrisil—Linecasting machine mold lubricant. Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.

MCB—Electric temperature control for heating apparatus of Linotype, Intertype and Monotype machines. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

MCR—Model for gas heated Linotype, Intertype and Monotype machines. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

○**M-D All-Metal**—Precision camera. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**M-D Offset Color Proofing Press**—Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**M-D Simplex** — Photo-composing machine for offset lithography. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Megill—Spring tongue and double grip gauge pins. E. L. Megill Co., 763 Atlantic Ave., Brooklyn 17, N. Y.

○**Meltevator**—Dumping mechanism for charging metal remelting furnaces. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

Memco—Embossing rolls and equipment. Modern Engraving & Machine Co., 1413 Chestnut Ave., Hillside 5, N. J.

Merchant—Slitter. Kidder Press Co., Dover, N. H.

○**Mercury** — Cooper Hewitt lamps. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

○**Mercury**—Composing room saw-trimmer. Hammond Machinery Builders, Inc., 1603 Douglas Ave., Kalamazoo 54, Mich.

Mercury—Lift trucks and hand-operated fork trucks. Mercury Mfg. Co., 4710 W. Division St., Chicago, Ill.

○**Mercury**—Offset, lithograph rollers, ebonite rollers, newspaper rollers, typographical rollers of all kinds, varnish rollers, lacquer rollers, rubber rollers of all kinds, offset, lithograph blankets. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

○**Mercury-Lith**—Blankets and rollers for multilith. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

Merit-Pad—Tabbing and padding adhesive. Merritt Products Co., Inc., 1747 Chester Ave., Cleveland 14, O.

Metalak—Silver offset ink. Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.

Meteor—Moisture set inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Metl-Off—Carbide tipped blades. Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

○**Metropolitan** — Stereotype cork molders. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Meyers—Self-adjusting roller backer for book back forming. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

○**M-H** — Photo-imposing system. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**M-H**—Trade name designation applied to offset-lith plate making equipment. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**M-H Overhead Focusing**—Camera. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**M-H Universal Process** — Photo-imposing machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**M-H Vertical**—Photo-imposing machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**M-H Vertical**—Plate coating machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

Mica Composition — Special glue and glycerin printers' roller. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Mick—Paper drills. Walter K. Mick Co., 500 Robert St., St. Paul 1, Minn.

Microfyne — Microscopically powdered graphite for lubricating purposes. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

○**Micro-Metal**—Engraving zinc alloy. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

○**Micro-Mix**—Chemical additive for photoengravers etching bath for powderless etching of zinc. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

Micro-Ply — Engravers' mounting wood. Gulf Laminates, Inc., Picayune, Miss.

○**Microstat**—Electric metal pot temperature control. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

○**Micro-Therm**—An electric metal melting system for metal pots on the Linotype. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○**Midget** — Static eliminator and metal-encased static bars. The Simco Company, 920 Walnut St., Lansdale, Pa.

Mid-States—Flat gummed papers, white and colors, waterproof gummed paper. Mid-States Gummed Paper Co., 6850 S. Hariem Ave., Bedford Park, Ill.

○**Miehle**—Sheet-fed printing presses, two-revolution flatbeds, offset and cutting and creasing presses. The Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Mikah—Flexible glues, glues and pastes, makeready paste and padding compound. National Adhesives, Div. National Starch Products, 270 Madison Ave., New York 16, N. Y.

Miller—Cutter and creasers and automatic cylinder presses, multi-pile delivery (double delivery for all Miller automatics), two-color automatic cylinder press, offset presses. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Millsap—List press. Chauncey Wing's Sons, 78 Pierce St., Greenfield, Mass.

Milwaukee Anilin — Four-color printing press. C. B. Henschel Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis.

Minden Paper Testing Instruments—Thickness gauge and bursting strength. Minden Paper Gauge Co., 230 W. 41st St., New York 36, N. Y.

Minnich — Waste paper baling presses. Minnich Machine Works, Inc., 1607 Ridgley St., Baltimore 30, Md.

Mobilizer—Offset work organizer and storage cabinet. Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.

○**Model B**—Folding machine. The Dexter Co., Div. Miehle-Goss-Dexter, Inc., 219 E. 44th St., New York 17, N. Y.

Model 40—A temperature control for stereotype and remelting furnaces. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

Model 100—Electrically heated steam vulcanizers. Chas. K. Schweizer Co., 231 Russell Ave., St. Louis 4, Mo.

Model 136—A temperature control for all gas heated composing machines. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

Model 200 — Electrically heated steam vulcanizers. Chas. K. Schweizer Co., 231 Russell Ave., St. Louis 4, Mo.

○**Model W**—Folding machine. The Dexter Company, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y.

Modern—Die stamping press. The Cronite Co., North Bergen, N. J.

Modi-Circle — Photolettering machine. Modi-Graphic Inc., 215 E. Ninth St., Cincinnati 2, O.

○**Mohr** — Automatic slug saw for attachment to Linotypes and Intertypes; portable bench saw. Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.

Monarch—Cork creeper for stereotype molding. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

○**Monarch II**—Roller bearing matrix roller. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

Monoaqua—Water cooler for typesetting machine molds. Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind.

○**Monomelt Dross Sifter**—Sifts type metal dross. Monomelt Co., Inc., 1611 Polk St., N. E., Minneapolis 13, Minn.

○**Monomelt**—System of single melting and direct feeding of molten metal, dross sifter, metal furniture for kill out and storage. Monomelt Co., Inc., 1611 Polk St., N. E., Minneapolis 13, Minn.

○**Monophoto**—Phototypesetting machine. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**Monotype** — Typesetting machines, type-and-rule casters, material making machines, Giant casters and Thompson typecasters. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**Monotype-Thompson** — Typecaster. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa.

○**Montco**—Linotype mold disks, rebuilt Linotype magazines, line-casting machine parts and supplies. Montgomery Company, Inc., Pratt Ave., P.O. Box 309, Towanda, Pa.

Morr-Glos—Inks. Geo. H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Morrison—Book and box stitchers and bookbinding machinery. Acme Steel Co., 135th St. & Perry Ave., Chicago 27, Ill.

○**Morrison**—Composing room saw-trimmers and slug stripper. The Morrison Co., 125 W. Melvina St., Milwaukee 12, Wis.

Morrison—Printing inks. Morrison Printing Ink Co., 1051 Power Ave., Cleveland 14, O.

Morrow-Stevens — Wrapping and sealing machines for packaging plain and printed sheet stock. Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I.

Mort—Dampener cleaner for offset-lith presses. Ralph H. Mort Co., 102 N.W. Ninth Ave., Portland 9, Ore.

Morton—Lock-ups. Samuel Stephens & Wickersham Quoin Co., 174 High St., Boston 10, Mass.

Mosstype — Rubber curved plate mounting and proving machine. Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J.

○**M-S Solvent** — Press roller and blanket wash. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Mullen—Paper tester. B. F. Perkins & Son, Inc., Holyoke, Mass.

Multi — Process inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Multicount**—A predetermined electronic counter for automatic machines. Unitronics, Inc., 472 Paul Ave., St. Louis 21, Mo.

Multi-Converter — Roll-feed high speed platen presses. Pearce Development Co., 1606 E. 30th St., Cleveland 14, O.

○**Multiform**—Bench mortiser. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

○**Multiform**—Radial routers for composing, stereo and photoengraving departments. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

○**Multiform**—Saws, benders, cutters, creasers. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

Multigraph — Multiple typewriting and office duplicating machines. Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.

Multi-Line—Hot stamping press. Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

Multilith—Offset press. Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.

Multimaster — Hectograph carbon sets. General Manifold & Printing Co., Franklin, Pa.

Multi-Pile—Delivery for all Miller automatic cylinder presses. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

○**Multipress**—Press for envelopes, tag and booklet printing. B. Verner & Co., Inc., 52 Duane St., New York 7, N. Y.

Multitite—Scratchproof inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Multi-Unit** — Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Mustang—Mailers and galleys for addressing newspapers. Payyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo.

Mylar—Polyester film base for pressure sensitive tapes. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

N

○**Nashua**—Gummed two sides paper tape for mounting cuts. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass. Mfd. by Nashua Gummed & Coated Paper Co., 44 Franklin St., Nashua, N. H.

National—Adhesives. National Adhesives, Div. National Starch Products, 750 Third Ave., New York, N. Y.

National—Baling machines. National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y.

National—Numbering machine. Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

National—Wire stitching machines. Gitzendanner-Muller Co., 15 Vandewater St., New York 38, N. Y.

Natsco — Copper photoengravers' plates. National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill.

Naz-Dar—Silk screen equipment and supplies. Naz-Dar Co., 461 Milwaukee Ave., Chicago 10, Ill.

N-D—Single spindle drill with one finger shift. Nygren-Dahly Co., 1422 W. Altgeld St., Chicago 14, Ill.

Neoprene—A rubber-like material used in the manufacture of printing rollers and offset press blankets. E. I. du Pont de Nemours & Co., Inc., corner Tenth and Market Sts., Wilmington 98, Del.

○**New Economy**—Band saw for small plants. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

○**New England Fibre Blanket** — Press blankets. New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass.

○**New Era**—Flatbed roll-feed letterpresses. New Era Mfg. Co., 375—11th Ave., Paterson 4, N. J.

○**New Model** — Foot-power vertical perforator, hand perforator. F. P. Rosback Co., Benton Harbor, Mich.

○**News-Ox** — Synthetic faced soft newspaper roller for flatbed presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

New Star Black—Letterpress non-scratch ink of unusually high color strength. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

19 x 25 SG — Automatic cylinder letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

9400—Vinylite plastic plate powder. Williamson & Co., Caldwell, N. J.

○**Nolan**—Casting boxes, proof presses, routers, saws. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

No Mar—Oakleaf wiping towels. Canaway Mills, 295 Fifth Ave., New York 16, N. Y.

Non-Blocking—A gummed paper. Dennison Mfg. Co., 300 Howard St., Framingham, Mass.

Nonpareil — Linotype, monotype, stereotype, electrotype and toner metal; metal flux; dross reducer. Theo. Hiertz Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.

○**Nonpareil—A composing stick.** H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

○**Nonpareil—Typographic numbering machine.** Wetter Numbering Machine Co., Atlantic Ave. and Logan St., Brooklyn 8, N. Y.

Non-Pareil—Mono metal. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Non-Scratch—A letterpress ink. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

○**Non-Slip—Press floors, (iron and steel proof).** The Jampol Co., 728 61st St., Brooklyn 20, N. Y.

Nonspot—Reflectors as opposed to light-concentrating. Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa.

Non-Tox—Offset press water fountain solution. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

○**Non-Work-Up Fluid** — Prevents workups of Monotype, leads and slugs. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

○**No-Pak**—Packless stereotype mat. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

Norma-Hoffman — Precision ball, roller and thrust bearings. Norma - Hoffman Bearings Corp., Stamford, Conn.

Norman—Safety roll paper hand truck. William A. Norman, 1133 E. 63rd St., Chicago 37, Ill.

North American Woodsman—Carbide tipped saws, knives and cutters. North American Products Corp., P.O. Box 210 Center Grove Rd., Edwardsville, Ill.

○**No-Stretch—Rubber mat creeper.** American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Novak—Belt copy conveyor system.** The Novak Company, Inc., 118 Waynewood Park, Plainfield, N. J.

nuArc — Arc lamps, vacuum frames, vacuum blankets, light tables, nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill.

Nucote Black—Letterpress ink for machine coated papers. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Nu-Film — Silk screen stencil sheets. Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y.

No. 501 — Soft cork stereotype molding blanket. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

No. 635—Powdered graphite for lubricating purposes, especially composing machines. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

○**No. 909** — Numbering machine cleaner. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Numberama — Typographic numbering machine. American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.

Nu-Plast—Plastic mechanical binding. General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill.

○**Nu-Tex — Newspaper dry mats.** Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

○**Nutran**—Retouching products for lithographers and engravers; plastic sheets; plexiglas trays. Henry P. Korn, 5 Beekman St., New York 38, N. Y.

O

○**Offenair** — Air conditioning, ventilating and drying system. B. Offen & Co., 168 No. Michigan Ave., Chicago 1, Ill.

Office Collator — Automatic collator. J. Curry Mendes Corp., 1 Curry Lane, Canton, Mass.

Ohio—Printers' composition rollers, varnish graining, lacquer and non-melt. Ohio Roller Co., 4408 Detroit Ave., Cleveland 13, O.

Olidraulic—Elevator and stationary industrial lifts. Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn.

OK Black Arrow—Paper trimming knives. Ohio Knife Co., B. & O. Ry. & Dreman Ave., Cincinnati 23, O.

Olsen—Mechanical overlay, spray equipment, embossing and gold stamping machines; registering device for offset presses. OlsenMark Corporation, 124 White St., New York 13, N. Y.

OlsenMark — Marking machinery. OlsenMark Corporation, 124 White St., New York 13, N. Y.

Omaha—Newspaper folder. Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb.

○**One Set**—Rubber printing press rollers. B. F. Goodrich Industrial Products Co., Akron 18, O. (Niles & Nelson, Inc., New York, N. Y., distributors).

○**One-Turn Shift** — Counter-balance action to shift magazines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Onsrud — High-speed steel router bit. Onsrud Machine Works, 3932 W. Palmer St., Chicago 47, Ill.

Opex—Lacquers for silk screen and display. Sherwin-Williams Co., 101 Prospect Ave., Cleveland 1, O.

○**Optic-Aid Front—Elimination of distracting moving machine parts affecting Linotype operator's efficiency.** Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Optical Depth Gauge—For photoengraving and gravure platemaking. Unitronics, Inc., 472 Paul Ave., St. Louis 21, Mo.

Optic-Chek—Device for mounting plates in register on press cylinders. The Harley Company, 8701 Third Ave., Brooklyn 9, N. Y.

Ortleb—Ink agitators and electric-lighted magnifiers. Perforating attachment for Kelly presses. Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo.

Ostrander—Electrotype and stereotype platemaking and finishing equipment. Ostrander - Seymour Co., 1710 N. 25th Ave., Melrose Park, Ill.

○**O-33**—Litho ink conditioner. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

○**Owl Brand** — Zinc photoengraving plate. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y.

○**OX**—Process rollers (special soft base). Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Oxy-Dry—Sprayer and powder for offset prevention, sheet cleaner. Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill.

Ozachrome — A transparent film with coating which can be used to produce color separation positives or negatives which are used for proofreading or comparison with original color art copy before making the printing plates. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

Ozalid—A proofing paper on which multiple copies of type matter and illustrations may be reproduced. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

Ozalith—Pre-sensitized aluminum and paper offset plates, fountain solution, developing solutions, direct image (paper) plates. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

P

P/C Kotes—Plastic fiber xerography plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

○**P. V.** — Variable speed drives. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Paasche—Offset preventing spray and solution. Paasche Air Brush Co., Div. of Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill.

Pacemaker—Offset printing press. Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

Packer—Auto wire tying machines. Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.

Padd-O-Cork—Cork molding blanket. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

Paddy—One-time carbon binding machine. J. Curry Mendes Corp., 1 Curry Lane, Canton, Mass.

○**Pam-X**—Flexible plastic cold liquid glue. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

○**Panamerio—Hand miterer.** H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Panchrome—Continuous tone panchromatic plate. G. Cramer Dry Plate Co., Lemp & Shenandoah Aves., St. Louis 4, Mo.

Para-Flex—Tools, equipment for making non - metallic plates. Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y.

○**Paragon** — Automatic and lever numbering machines. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Parazin—Solid rubber and metal backed printing plates. Parazin Corporation, 208 Mill St., Rochester 4, N. Y.

Partlow—Type metal temperature control equipment. Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

Paster Pilot—Mechanism for automatically severing expiring web and splicing tail to fresh paper roll on rotary printing presses. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Pee-Gee — Reducing and non-scratch compounds. Pope & Gray, Inc., Industrial West, Allwood, Clifton, N. J.

Peerless—K-2 single spindle and multiple spindle paper drilling machines, power and foot punching machines, power round-hole perforating machine, also foot power perforator. Nygren-Dahly Co., 1422 Altgeld St., Chicago 14, Ill.

Peerless—Roll leaf stamping foil, roll leaf stamping presses. Peerless Roll Leaf Co., 4511 New York Ave., Union City, N. J.

○**Peerless—Stereotype matrix molder.** American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Pentrate—A method for cleaning** Intertype molds. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

○**Perennial**—Daters. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Perf-A-Matic — Automatic feed perforator for snap out forms. Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

○**Perfect Circle—Cylindrical plates for gravure and letterpress.** Champlain Co., Inc., 88 Llewellyn Ave., Bloomfield, N. J.

○**Perfection—Autoplate drive belt.** American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Perfection** — Gummed and Teletypesetter tape; mailing and listing papers. Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa.

○**Perfection** — Proof press. Nolan Corporation, 1333 Dominick St., Rome, N. Y.

Perfix—Perforator. Altair Machinery Corp., 55 Vandam St., New York 13, N. Y.

Permacel—Pressure sensitive tapes. Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.

Permelene—Aniline and rotogravure inks. Hill-Hentschel Co., 3928 Clayton Ave., St. Louis 10, Mo.

Phenoid—Instantaneous type cleaner. Chalmers Chemical Co., 123 Chestnut St., Newark 5, N. J.

Photoetch—Complete photo engraving plant. Douthitt Corp., 680 E. Fort St., Detroit 26, Mich.

Photolith—Safety film for lithographic and photoengraving negatives. E. I. du Pont de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del.

Photon—Photographic typesetting machine. Photon, Inc., 53 Charles St., Cambridge 41, Mass.

○**Photorite**—Presensitized paper plates. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Photovolt—Electronic transmission and reflection densitometers and pH meters. Photovolt Corp., 95 Madison Ave., New York 16, N. Y.

○**Pica—A composing stick.** H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Pica-Master — Band sawing machine. The DoAll Company, 254 N. Laurel Ave., Des Plaines, Ill.

○**Pilot**—Hand printing press. Chandler & Price Co., 6000 Carnegie Ave., Cleveland 3, O.

○**Pioneer**—Bench router and type-high planer, composing room saw, paper drillers, micrometer. Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.

○**Plane-O-Plate**—Plate shaver. Monomelt Co., 1611 Polk St., N.E., Minneapolis 13, Minn.

Plastico—Plastic binding machine and plastic binding elements. Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill.

Plastiply Matrix—For making rubber printing plates. Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y.

Plastictypes—Plastic plates and mats. Reilly Electrotype Co., 305 E. 45th St., New York 17, N. Y.

Plasti-Vac—Vacuum contact printing frame utilizing plastic top for exposing presensitized plates, grained, and engraver's plates. Paul Anderson Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex.

○**Plast-O-Damp** — Paper covering for dampening rollers on offset printing presses. Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill.

Plate Master—Hydraulic molding press, for molding Vinylite electrotype molds, plastic printing plates, rubber printing plates and stereotype mats. Williamson & Co., Inc., Caldwell, N. J.

Plate Perfector and Tension Miller —Machine for finishing curved stereotype plates and cutting pockets in plates to permit tension fingers on press plate cylinder locking plates tightly to cylinder. The Goss Company, Div. of Miehle - Goss - Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Plate-Tak** — Cut mounting tape. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

Pleger — Bookbinding machinery. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Pleger "400"—Gold stamping and embossing press. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Pliofilm—Synthetic rubber. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

Plus 4—Copper anodes for plating electrotypes and gravure cylinders. American Brass Co., The, 414 Meadow St., Waterbury 20, Conn.

○**Plus Metals—Adjusting alloys for type metals.** Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

Plymouth—Brass plates for photoengraving. Edes Mfg. Co., Water St., Plymouth, Mass.

Plymouth — Knife grinder. Fate-Root-Heath Co., Grinder Div., Plymouth, O.

PMC—Die cutting machines. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

PMC—Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

PMC Warnock — Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

Pneuma-Flo — Offset preventing spray guns. Pneuma-Flo Systems, Inc., 141 W. 20th St., New York 11, N. Y.

○**Pneumatic Pumps**—For Junior and Pony Autoplate. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

Polykote — Photosensitive plastic fiber plates. Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y.

○**Pony** — Rotary perforator, six multiplex punching machine. F. P. Rosback Co., 5th & Park Sts., Benton Harbor, Mich.

Pony Boy—Typographic numbering machine. American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y.

Porta-Trace—Portable illuminated tracing units. Ozalid Division, General Aniline & Film Corp., Ansco Rd., Johnson City, N. Y.

Post—Totalizing and present electronic high speed counters for any counting purpose. Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass.

Potdevin—Paper converting machinery. Potdevin Machine Co., 226 North St., Teterboro, N. J.

Potsalks—Blatchford brand metal flux. National Lead Co., 111 Broadway, New York 6, N. Y.

Precise — Roll feed rotogravure presses. Integrated plastic coating, sheeting, slitting, embossing, perforating, rewinding and die cutting equipment. Precise Engineering Co., The, 430 W. Grant Pl., Chicago 14, Ill.

Precision—Bearings. Norma-Hoffman Bearings Corp., Stamford, Conn.

Precision—Offset inks. Lewis Roberts, Inc., 72 Union St., Newark, N. J.

○**Precision**—Steel roller chain. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

Preco—Hydraulic press for molding phenolic matrices for rubber stamps and rubber printing plates. Preco, Inc., 6300 E. Slauson Ave., Los Angeles 22, Calif.

○**Premier**—Rotary shaver. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Prentiss — Bookbinders' wire. Prentiss Wire Mills, Riverside-Alloy Metal Div., Porter, H. K., Co., 439 Dwight St., Holyoke, Mass.

○**Pre-Registering Tensionplate Automiller** — For milling press plate-holder pockets and for preregistering newspaper stereotype color plates. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

Pre-set—A lineup table for offset-lith and photoengraving platemaking. Long Engineering Research Corp., 30 W. Price St., Linden, N. J.

Pressroom Aspirin—Ink reducer, offset preventive. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Presstest Blocks—Impression test blocks. M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.

Presto—Ink remover. H. S. Prescott, 238 Dwight St., Springfield 2, Mass.

○**PrestoCaster**—Hand operated electrotype plate caster. Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.

○**Pre-top** — Pre-sensitized photoengraving plate. Dirats Photo Plate Co., Inc., 181 Notre Dame St., Westfield, Mass.

Printers' Position Sheets—Layout sheets. Cromwell Paper Co., 4801 Whipple St., Chicago 32, Ill.

○**Printmaster**—Single width press for printing newspapers with smaller circulations. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

Print Smooth—Compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Process Rollers**—Typographic combination rubber base and composition rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Productimeter—Press and folder counters. Durant Manufacturing Co., 1988 N. Buffum St., Milwaukee 1, Wis.

Prosperity Black—A letterpress ink. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Protectoseal—Safety cans. Protectoseal Co., The, 1920 S. Western Ave., Chicago 8, Ill.

○**ProType**—Photolettering machine. Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Pyroductimeters — Counting machines, lineal measuring machines. Durant Mfg. Co., 1988 N. Buffum St., Milwaukee 1, Wis.

Pyro Immersion Pyrometers—For measuring temperatures of non ferrous metal. Pyrometer Instrument Co., 92 Portland Ave., Bergenfield, N. J.

Pyro Prod—Portable pyrometer. Illinois Testing Laboratories, 420 N. La Salle St., Chicago 10, Ill.

Pyro Surface Pyrometers — For measurement of temperatures up to 1200 deg. F. Pyrometer Instrument Co., 92 Portland Ave., Bergenfield, N. J.

Q

Q-Coat—Offset platmaking solution. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Q-Lac—Surface plate lacquer. Lithoplate, Incorporated, Sub. Harris-Intertype Corp., 278 N. Arden Dr., El Monte, Calif.

Quadhole Base—Honeycomb type metal base in 30 pt. units. M & L Typesetting & Electrotyping Co., 4001 Ravenswood Ave., Chicago 13, Ill.

Qualicraft—A line of sundry silk screen supplies. Sherwin-Williams Co., 101 Prospect Ave., Cleveland 1, O.

Quickee—Fast drying ink. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Quick-set—Compound and inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

R

Randolph—Pump for loading and unloading photoengraving acids. Randolph Company, 1018 Rosine St., Houston 19, Tex.

○**Rapid**—Offset-lithograph Ebonite and newspaper rollers; typographical rollers of all kinds; varnish, lacquer and rubber rollers of all kinds; offset-lithograph blankets. Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill.

Rapid—Saw extension gauge for saw trimmer. Margach Mfg. Co., 47 Wooster St., New York 13, N. Y.

○**Rapid**—Saw swivel gauge for Miller saws. Monomelt Co., 1611 Polk St., N. E., Minneapolis 13, Minn.

Rathbun & Bird—Extension delivery. Rathbun & Bird Co., 379 West Broadway, New York 12, N. Y.

Rathbun & Bird—Gas sheet heater. Rathbun & Bird Co., 379 West Broadway, New York 12, N. Y.

Raymat—Stereotype electronic mat pre-shrinker. Industron Corporation, 55 Needham St., Newton Highlands 61, Mass.

Reanite—Bonding process mounting for zinc or copper plates to wood. U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

Readco — Ink mixing machine. Read Standard Corp., York, Pa.

Rectigraph — Photo-copying machines. Haloid Co., 2 Haloid St., Rochester 3, N. Y.

○**Red Bulldog**—Autoplate drive belt. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○**Red Comet**—Autoplate drive belt. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

Red Giant—Hand lift trucks. Revolvator Company, 2096—86th St., North Bergen, N. J.

○**Rediback**—An acid-resist coating on back of photoengraving zinc sheets. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

RediLift—Single stroke mechanical lift trucks. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Redi-Lith—Lithographic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Redington—Counting machines. F. B. Redington Co., 3000 St. Charles Rd., Bellwood, Ill.

Redi-Set—Lithographic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Red Label—Routing cutters. High speed steel cutters. John Royle & Sons, 10 Essex St., Paterson 3, N. J.

Red Rocker—Barrel stand. Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.

Red Streak—Paper cutter knives, trimmer knives. Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass.

Red Top—Matrix sheet for molding plastic plates and/or rubber plates. Williamson & Co., Inc., Caldwell, N. J.

Red Top—Under blanket for newspaper printing presses. Goodyear Tire & Rubber Co., 1144 E. Market St., Akron 16, O.

Reducol—Ink reducer. Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

Reevelec — Machine for sealing plastic vinyl binders, book covers, etc. Reeve Electronics, 605 W. Lake St., Chicago 6, Ill.

Reeves—Variable speed drives, vari-speed motor pulley, vari-speed motor-drive. Reeves Pulley Co., 1225 Seventh Ave., Columbus, Ind.

Refrak—Burners. Refractory burners for various purposes, including melting and drying. Selas Corp., of America, Dresher, Pa.

Reglset—Sheet registering device for Miehle Vertical. The Carlson Company, 15 Hathaway St., Boston 10, Mass.

Registerscope—Device for registering units of a form with an image of the copy reflected through a scanning plate on to the imposing surface. Taylor Machine Co., 210 Guilford Ave., Baltimore 2, Md.

○**Register Zinc**—A special photoengravers' zinc alloy for color plates, long runs and mat molding. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

Reid—Magazine racks for line-casting machines. William Reid Co., 2271 Clybourn Ave., Chicago 14, Ill.

Reid-Hill—Page lift, chase and storage cabinet. William Reid Co., 2271 Clybourn Ave., Chicago 14, Ill.

Reillytypes—16 gauge electrotypes. Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

○**Reliable**—Gallery camera. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Rejafix—Marking machines for marking vials, plastics, rubber, etc. Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y.

Reliance—Electric motors, generators, gear-motors, motor-generator sets. Reliance Electric & Engineering Co., 1088 Ivanhoe Rd., Cleveland 10, O.

○**Re-Nu-Rol**—Rubber inking roller conditioner. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○**Removorite**—All-purpose gum remover for offset and paper plates. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Repro Art—Photoengraving equipment. Max Levy & Co., Wayne Ave. & Berkley St., Philadelphia 44, Pa.

Repro-Graphic—Photographic dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Resisto—Non-scratch black inks. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Resyn—Adhesives for printers, lithographers and binders. National Adhesives, Div. National Starch Products, 270 Madison Ave., New York 16, N. Y.

Revelation—Compounds and inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Revetch — Mechanical reverse proofing process. Graphic Arts Research Foundation, 18 W. Kenzie St., Chicago 11, Ill.

Revolvator—Press feeding lifts, portable elevators and trucks. Revolvator Company, 2096—86th St., North Bergen, N. J.

Richlock—Adjustable page or form tie-up galley and lock and galley side locks. Richl Galley Lock Co., 748 E. 82nd St., Cleveland 3, O.

○**Rigid-Rim**—Steel galleys. Challenge Machinery Co., First St., Grand Haven, Mich.

Rip-Proof—Mylar reinforcing for loose leaf sheets. G. J. Aigner Co., 426 S. Clinton St., Chicago 7, Ill.

Robco—Anhydrous alcohol solution for deep etch plates. J. M. Roberts Co., Kalamazoo, Mich.

○**Robertson** — Cameras, vacuum printing frames, plate whirlers, etching machines, temperature control units. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

○**Robinol** — Non-toxic solution for cleaning type, matrices, motors and presses. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

○**Rocket**—Saw trimmer. Nolan Corporation, 1333 Dominick St., Rome, N. Y.

Rogers—Paper and line-casting machine knife grinders. Samuel C. Rogers & Co., Inc., 2070 Sheridan Dr., Buffalo 23, N. Y.

Rogersol—Line of cleaning solvents such as type washes, humidity control solvents, offset roller washes, blanket washes, dampener roller cleaners, lubricating oils, numbering machine oils and cleaner, Asphaltum 666, composition and rubber roller conditioners. Harry H. Rogers Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill.

Rogers Photo Engraving Glue—Rogers Isinglass & Glue Co., 210 Eastern Ave., Gloucester, Mass.

Rogers Prepared Top Enamel—Uniform, sensitized solution for all metals. Rogers Isinglass & Glue Co., 210 Eastern Ave., Gloucester, Mass.

Rolatone—Concentrate for rollers. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Rolite—Viewer. Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis.

Roll-a-Minute—Rubber plate, roll-feed press for paper and cloth tape, one-color rotary press. Ever Ready Label Co., 357 Cortlandt St., Belleville, N. J.

○**RollAskid**—Paper stock inverter for turning over complete stack of paper in one operation. The M. L. Abrams Co., 1841 Prospect Ave., Cleveland 15, O.

Roll-over — Air-cooled individual molds to cast slip-off ingots. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Roloc Colorsplitter—Color separation machine. Roloc, Inc., 4217 W. North Ave., Milwaukee 8, Wis.

Rolup Process—Method for etching photoengravings. Harold M. Pitman Co., 51st Ave. & 33rd St., Chicago 50, Ill.

Romyns—Spaceband cleaning machine. Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa.

O Ronolene — Offset blanket and roller wash. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Roocogle Ink—Gloss process ink. H. D. Roosen Co., Inc., Div. Columbian Carbon Co., 41 E. 42nd St., New York 17, N. Y.

Roocoset Ink—Steamset type ink. H. D. Roosen Co., Inc., Div. Columbian Carbon Co., 41 E. 42nd St., New York 17, N. Y.

O Rosback—Multiple punching machine, stitcher and feeder, round hole rotary perforator, two-way rotary perforator, rotary stamp perforator, slot rotary perforator, extra heavy power perforator, super XX heavy power perforator, "multiplex" check perforator, gathering machine. F. P. Rosback Co., 5th & Park Sts., Benton Harbor, Mich.

Roscelene—Transparent material for taking positive proofs for plate reproduction. Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y.

Rotator—A variable speed gathering machine for binding and publishing plants. Kenneth E. Dud.ey Co., 112 N. Potomac St., Hagerstown, Md.

Rotary-X—Roll-feed, rubber plate, one and two-color units, press for tape printing. Ever Ready Label Co., 357 Cortlandt St., Belleville, N. J.

Roto-Grip—Finish applied to photoengravers' zinc plates. Edes Mfg. Co., Water St., Plymouth, Mass.

RotoMatic — Rotogravure press. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

Rotomatic—Rubber plate grinder. The Harley Company, 8701 Third Ave., Brooklyn 9, N. Y.

O Rouse—Vertical rotary miterer, band saw, lead and rule cutters, composing sticks, etc. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

O Router Planer — Stationary head router and typehigh planer. Hammond Machinery Builders, Inc., 1604 Douglas Ave., Kalamazoo 54, Mich.

Rowell—Automatic double rolling device for Miehle Vertical press. W. C. Rowell, 657—10th St., Brooklyn 15, N. Y.

Royal — Cork stereotype molding blanket. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

Royal Mark II—Powderless etching machine. Tasope Company, The, Tasope Bldg., Aurora, Mo.

Royle—Cabinet saws, circular saws, router (free-hand, radial). John Royle & Sons, 10 Essex St., Paterson 3, N. J.

R.R.B.—Padding glue. Burrage Glue Co., 15 Vandewater St., New York 17, N. Y.

O R228 — Rubber roller wash. A cleaner and revitalizer for synthetic rubber rollers. Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.

O Rubbo—Padding glue. American Roller Co., 1342 N. Halsted St., Chicago 22, Ill.

Rubylith M3—Red laminated masking film. Ulano Products Co., 610 Dean St., Brooklyn 38, N. Y.

Rutherford — Lithographic and printing machinery. Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

Ryco—Washup devices for sheet-fed and roll-fed offset presses. E. G. Ryan and Co., 153 W. Huron St., Chicago 10, Ill.

S

Saber Tooth—Perforating backing and under type high perforating rule. H. S. Boyd Co., 6525 E. 24th St., P.O. Box 5014, Tulsa, Okla.

Safetch—Offset plate etch. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Safe-Myx—Non-offset spray solution. Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y.

Safeset—Ink conditioner. Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind.

Safety Roll—Paper truck. William A. Norman, 1133 E. 63rd St., Chicago 37, Ill.

Saf-T-Flame—Safety pilot metal temperature control. The Partlow Corp., 2 Campion Rd., New Hartford, N. Y.

Samson—Offset press blankets. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Samson—Vulcanized oil rollers for offset presses. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

Sandblom—Steel chases. Sandblom Steel Chase Co., 426 S. Clinton St., Chicago 7, Ill.

S&M—Trucks, racks and makeup and storage cabinets. S&M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif.

S & W—Controlled gas burner for all presses. Wolfer Printers Supply Co., 1221 Maple Ave., Los Angeles 15, Calif.

O Satisfaction—Drawsheet, duck impregnated and coated with Cavalprene. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

O Sawliner—Composing room saw trimmer for printers and engravers. The Morrison Co., 125 W. Melvina St., Milwaukee 2, Wis.

Saxmayer—Tying machines and stringing machines. National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich.

O Scan-A-Graver—Electronic photoengraving machine. Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

O Scan-A-Sizer—Enlarging and reducing electronic photoengraving machine. Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y.

Schweizer — Electrically heated steam vulcanizers for rubber plate making. Chas. K. Schweizer Co., 231 Russell Ave., St. Louis 4, Mo.

O Scorchrite—Timer for mat drying. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Scotch—Trade name for cellulose adhesive tape, gummed two sides for mounting engravings. Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

O Scott—"Hi-Speed", "Standard-hi-speed" and "Extra-hi-speed" presses, combination newspaper and color presses, 3-roll magazine rolls and "Hi-speed" automatic pasters with Jones automatic tension governor. Walter Scott & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J.

Seal-O-Matic — Automatic sealing machine for self-mailers. Seal-O-Matic Machine Mfg. Co., Inc., 145 Hudson St., New York 13, N. Y.

Seamol—Seamless offset dampener roller covers. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

Selas—Dryers. Ink drying units for high speed presses and metal melting equipment. Selas Corp. of America, Dresher, Pa.

O Selectro-Matic — Quadding attachment for new or existing line composing machines. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

O Self-Quadder—Device on Linotype for automatically quadding either right or left or centering lines. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Senior I. C.—Rotary wrapping paper press. Kidder Press Co., 121 Broadway, Dover, N. H.

O Sennett—Positive assembler for Linotype machines. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Separator—Box that automatically separates Monotype from Linotype slugs when form is dumped. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

O Service Box—Electrically heated storage and heating mat box at scorcher temperature. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona, 68, N. Y.

Servol—Composition white metal type. OlsenMark Corporation, 124 White St., New York 13, N. Y.

Set-Maker — Collator. Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif.

Setmaster—Gluetipping and collating machine. Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

O Setswell — Compound. Conditions ink to lie smooth, prevents mottling, helps overprinting, relieves smudging. J. E. Doyle Co., 1220 W. 6th St., Cleveland 13, O.

Seven-Eleven—Solvent and solvent adhering silk screen films. Ulano Products Co., 610 Dean St., Brooklyn 38, N. Y.

O Seventeen—Gallery camera. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

O Seybold—Auto spacer cutters, continuous feed trimmers, knife grinding machines, paper cutters, mill trimmers, paper drills, and collators. Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O.

SG—19 x 25 automatic cylinder letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Shadotone — Secondary color in inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Shamrock — Green rubber rollers for letterpress and offset. The Moreland Corporation, York and Fitzwatertown Rds., Willow Grove, Pa.

Sharpshooter—Offset and photoengraving camera. Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O.

O Shell-cast—Device for attachment to Ludlow type casting machines. Ludlow Typograph Co., 2032 Clybourn Ave., Chicago 14, Ill.

O Shell-Hi Slug Shear—Shears shank from the head of Ludlow slugs. Ludlow Typograph Co., 2032 Clybourn Ave., Chicago 14, Ill.

Shirley—Untreated tympan paper. Hollingsworth & Vose Co., East Walpole, Mass.

O Shooting Star—Gallery camera. Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Showcard—Machines for printing display cards and signs. Showcard Machine Co., 1456 Merchandise Mart, Chicago 54, Ill.

O Shy-Nee—Gloss inks for corrugated containers. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

O Sieber—Punches, foot and hand power. Challenge Machinery Co., First St., Grand Haven, Mich.

Siebold—Letterpress, offset, lithographic inks and compounds. J. H. & G. B. Siebold, Inc., 150 Varick St., New York 13, N. Y.

Sigmund Ullman—Printing inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Signode—Strapping and tying machines. Signode Steel Strapping Co., 2600 N. Western Ave., Chicago 47, Ill.

Silcolith — Silicone lubricant for linecasting machine molds, plungers, mold wipers and space bands. Theo. Hlertz Metal Co., 8011 Alaska Ave., St. Louis 11, Mo.

Silk—Compound for reducing ink without reducing strength. H. D. Roosen Co., 41 E. 42nd St., New York 17, N. Y.

Silvaloy—Acid and chemical resistant metal containers. Douthitt Corp., 680 E. Fort St., Detroit 26, Mich.

Silvencer — Ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

O Silverstreak—Silent chain drives. Link-Belt Co., Prudential Plaza, Chicago 1, Ill.

O Silvertone—Stereotype mats for black and white and color magazine work. Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y.

Sil-Vor Plate — Metallic inks. George H. Morrill Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

O Simco—Static eliminator and metal-encased static bars. The Simco Company, 920 Walnut St., Lansdale, Pa.

Simonds-Dayton—Paper trimming knives. Simonds Worden White Co., 607 Negley Pl., Dayton 7, O.

O Simplex — Block system, patent base for book work. Challenge Machinery Co., First St., Grand Haven, Mich.

Simplex — Paper conditioners. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

Single-Liner—Hot stamping press. Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

Sinvalac—Die stamping inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Sinvalco — Offset chemicals and supplies. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

Sirius—Four paddle etching machine. Axel Holmstrom Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa.

Sirocco—Blowers. American Blower Div., American-Standard, 8111 Tireman Ave., Dearborn, Mich.

SKF—Ball and roller bearings. SKF Industries, Front St. and Erie Ave., Philadelphia 32, Pa.

SL-100—Offset surface plate lacquer. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

O Slic—A pure silicone fluid for preventing type-metal adhesion to molds, liners, vise jaws and spacebands. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Slip-off—Metal eye of pig drops automatically from metal feeder hook. Has a segmented ear at either end. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

O Slotted-Eye—Metal pig mold. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

Slug-High Sinkers—For prevention of work-ups. Ralph Bancroft Co., 305 S. Fifth Ave., Minneapolis 15, Minn.

Smico—Letterpress and lithographic inks. Sleight Metallic Ink Co., 538 N. 3rd St., Philadelphia 23, Pa.

O Snap-Set—Letterpress ink. Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich.

Solidry—Non-rubbing, hard drying inks and varnishes. Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J.

Soldan—Bronzing machine. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

O Sol-Dor—Solution and automatic numbering machine cleaning unit. Wetter Numbering Machine Co., Atlantic Ave. and Logan St., Brooklyn 8, N. Y.

Solotone—Shading sheets for preseparated color copy. Bourges, Inc., 80 Fifth Ave., New York 11, N. Y.

O Solv-A-Ton Rx A—For removing hard ink fom old plates and all metal. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

O Solvent No. 95—Removes ink from metal. Anchor Chemical Co., 827 Bergen St., Brooklyn 38, N. Y.

Solv-O-Mist—Varnishes and driers. Braznell Company, 2227 Walnut St., St. Louis 3, Mo.

808 Compound—For stopping offset. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Sound Level Meter—Meter for measuring level of noise produced by machinery and equipment. General Radio Co., 275 Massachusetts Ave., Cambridge 39, Mass.

Southworth—Envelope press, humidifiers, trucks, round cornering machines, jogger and punching machines. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

SpaceMaster — Hinged, telescopic truck. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Spartan—Teletypesetter tape. Link Paper Co., 45 Cedar Lane, Englewood, N. J.

SPC—Complete rotogravure equipment from camera to pressroom. Standard Process Corporation, 2704 W. Roscoe St., Chicago 18, Ill.

Special—Stereotype dry mat for newspaper work. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

Special Panchrome—Photographic dry plates. G. Cramer Dry Plate Co. 1835 Shenandoah Ave., St. Louis 4, Mo.

Special Six — Multiplex punching machine. F. P. Rosback Co., 5th & Park Sts., Benton Harbor, Mich.

Spectrum Process—Panchromatic halftone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Speedaumat—Addressing and mailing machines. Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.

Speed-Flex—Printing presses. Orville Dutro & Son. Inc., 117 W. Ninth St., Los Angeles 15, Calif.

Speed King—Letterpress and offset inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Speed King — Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Speed Kleet—Collator for business forms. Didde-Glaser, Inc., Hi-Way 50 & West 12th Ave., Emporia, Kan.

SpeedLift—Single stroke mechanical lift truck. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Speed Limited — Halftone black ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Speedline—Rubber plate press. E. A. Crawford Co., P.O. Box 2216 Edgewood Sta., Providence 5, R. I.

Speed-Line—Stereotype equipment, matrix molders, saws, routers. Nolan Corp., 1333 E. Dominick St., Rome, N. Y.

SpeedMaster—Portable elevator. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Speedo—Banding press. C. F. Anderson & Co., 3225 Calumet Ave., Chicago 16, Ill.

Speedo—Heat set ink. Hill-Hentschel Co., 3928 Clayton Ave., St. Louis 10, Mo.

Speed-set—Geared hand numbering machines. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Spherekote—A tympan paper coated with microscopic globular glass particles to prevent offset of first impression printing while second impression is made. Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

Sphinx—Makeready paste. Arabol Mfg. Co., 110 E. 42nd St., New York 17, N. Y.

Spiral—Making machines, punching dies and threading machines. Spiral Binding Co., 406 W. 31st St., New York 1, N. Y.

Spiralistic—Process binding. Spiral Binding Co., 406 W. 31st St., New York 1, N. Y.

Spraymist—Mist coolant equipment for machines. Bijur Lubricating Corp., 151 W. Passaic St., Rochelle Park, N. J.

SprayOmatic — Offset eliminator and fluid. Sprayomatic Products Co., 750 Main St., Milford, O.

Spray Scanner—Device for viewing the dispersion of sprayed offset powder. Winton Engineering Co., 2353 May St., Cincinnati, O.

Spring Tongue—Gauge pins. Edward L. Megill Co., 761 Atlantic Ave., Brooklyn 17, N. Y.

Stackers — Portable elevators. Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass.

Sta-Hi—Master Former, Master Router, Master Trimmer, Master Matcher, vacuum flat casting boxes, curved mat trimmers and other stereotype machinery. Sta-Hi Corporation, 235 W. Washington Blvd., Whittier, Calif.

Standard Anilinex — Flexographic press. Kidder Press Co., Dover, N. H.

Standard—Cork molder. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Standard—Stereotype dry mat for newspaper work. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

Standard—Stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

Standard—Typographic numbering machines. Safety lock pawl equipped for any high speed press. American Numbering Machine Co., Atlantic & Shepherd Aves., Brooklyn 8, N. Y.

Standard Process — Rotogravure printing presses, precision grinding and polishing machines, layon or transfer tables, ductor blade grinding machines, layout tables, viewing and cutting stands, retouching stands, vacuum printing frames, rotogravure printing cylinders, rotogravure working screens. Standard Process Corporation 2704 W. Roscoe, Chicago 34, Ill.

Standard Unitube — High speed newspaper press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Stanlite—Type metal flux. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Stanogen—Dross reducer. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

Staplecraft—Saddle and side stapling machines and staples. Acme Staple Co., 1643 Haddan Ave., Camden 3, N. J.

Star—Automatic quadding attachment for Intertypes and Linotypes. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Star—Cut cement and cut tape and marking ink for plates. Star Cement Co., 190 Wyoming Ave., Maplewood, N. J.

Star—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

Star—Rubber, synthetic, leather, dampener rollers; molleton covers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Star—Saw trimmer. Nolan Corporation, 1333 E. Dominick St., Rome, N. Y.

Star — Self-actuating and metal feeder for line casting and typecasting machines. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Star Base Dampener—Rubber litho dampener. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

Star Black—High color strength black ink for offset printing. Braden Sutphin Ink Co., 3650 E. 93rd St., Cleveland 5, O.

Sta-Rite—Newspaper bases. Challenge Machinery Co., First St., Grand Haven, Mich.

Starstarter — Automatic wrapper feeding device for wrapping newspaper bundles. Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Ont., Can.

Startex—Sleeves for flannel and rubber bases of offset rollers. Bingham Bros., Co., 406 Pearl St., New York 7, N. Y.

Starwrapper — Automatic bottom wrapper feeder. Toronto Star, Ltd., 275 Albany Ave., Toronto 4, Can.

Staticator — Static detection and alarm system. The Hewson Company, Inc., 443 Broad St., Newark 2, N. J.

Statikil—Liquid dressing for the relief of temporary static. The J. E. Doyle Co., 1220 W. 6th St., Cleveland 13, O.

Sta-Warm—Electric automatic glue pots and glue kettles. Sta-Warm Electric Co., 553 N. Chestnut St., Ravenna, O.

Steamaire — Humidifier. Rutherford Machinery Co., Div. Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J.

Sten-Sil-Chase—A silk screen attachment for the C. & P. platen press. Naz-Dar Co., 469 Milwaukee Ave., Chicago 10, Ill.

Stephens—Expansion locks, unit grade brass rule. Samuel Stephens & Wickersham Quoin Co., 174 High St., Boston 10, Mass.

Stere-O-Cork—Cork molding blanket. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

Stereotype Equipment—Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill.

Sterling—Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

Stewart-Warner — Spray pumps and guns. Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill.

Straight-Unit—Rotary newspaper presses. Walter Scott & Co., Inc., 525 South Ave., Plainfield, N. J.

Sticktite—Rubber plate adhesive. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Stikflat Glue—Bookbinders adhesive. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

Stokograph—Equipment and supplies for plateless raised printing and textile transfers. A. Stokes Co., Stokes Lane, Hudson, O.

Streamlined—Intertype composing machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

Strechtype—A process of transforming a process camera into a photographic reproportioning machine for black and white two-dimensional copy. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

Stripfounders—Hand-finished rule, leads, metal furniture, molds spaces, quads. Stripfounders, Inc., 4550 S. Federal St., Chicago 9, Ill.

Strobolume—Stroboscopic light for observing moving mechanisms, printing register, etc. General Radio Co., 275 Massachusetts Ave., Cambridge 39, Mass.

Strobolux — An auxiliary light source for use with Strobotac to produce greater light intensity. General Radio Co., 275 Massachusetts Ave., Cambridge 39, Mass.

Strobotac—Electric eye. General Radio Co., 275 Massachusetts Ave., Cambridge 39, Mass.

Strong—Label cutter. Hobbs Mfg. Co., 26 Salisbury St., Worcester 5, Mass.

Stuebing—Calendar edging machinery and calendar slides. Stuebing Automatic Machine Co., 3424 Beekman St., Cincinnati 23, O.

SUco—Overprint varnish and specialties. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Sullmanco—Job inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Summit — Compound (reducing). General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Sunco—Dry colors. Pigments Div. Sun Chemical Corp., 10-10—44th Ave., Long Island City 1, N. Y.

Super—Extra flexible composition, regular. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

Super Contrast—Dot etching-halftone photography dry plates. G. Cramer Dry Plate Co., 1835 Shenandoah Ave., St. Louis 4, Mo.

Superdense—Offset inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Super-Diamond—Steel floor plate. Alan Wood Steel Co., Conshohocken, Pa.

Super Duro—Photographic method for silk screen process. Sherwin-Williams Co., 101 Prospect Ave., Cleveland 1, O.

Superfine—Autoplate steel pouring sheets. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

Super-Force—Typographical numbering machines. Wm. A. Force Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Supergloss—High gloss inks. Sinclair & Valentine Co., 611 W. 129th St., New York 56, N. Y.

Superior—Cork molder. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Superior—Gummed packing felt, cork molding blankets. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Superior — Mitering machine and hand press. Craftsmen Machinery Co., 75 W. Dedham St., Boston 10, Mass.

Superior—Multi-color press, chase size 5 in. by 9 in. for printing tickets, labels and the like. Lockwood's, Inc., 375 Eleventh Ave., Paterson 4, N. J.

Superior—Photoengravers' copper plates. Edes Mfg. Co., Water St., Plymouth, Mass.

Superior—Tailboards. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Superior Glutex—Gummed packing felt. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Super "N"—Offset surface plate coating. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Super-Production—Magazine, rotogravure, and offset presses. R. Hoe & Co., Inc., 910 E. 138th St., New York 54, N. Y.

SUperset—Heat reactive inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Super Speed 7 — Saw trimmer. Turner Printing Machinery, Inc., 2630 Payne Ave., Cleveland 14, O.

Super Speed 60—Folding machine. Turner Printing Machinery, Inc., 2630 Payne Ave., Cleveland 14, O.

Superspeed—Slitter and rewinder. Kidder Press Co., Dover, N. H.

Super Stere-O-Cork — Molding blankets. Coyne & Paddock, Inc., 40-09 21st St., Long Island City 1, N. Y.

Super-stik—Gummed packing felt. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

Supersurfacer—Machine with power driven cutter-head to take light surface cut from face of Ludlow slug lines. Ludlow Typograph Co., 2032 Clybourn Ave., Chicago 14, Ill.

Super Tone-Tex—Direct pressure halftone reproduction dry mats. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

Supreme Litho Blacks—Series of offset-lithographic inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Suprex — Special untoned news black. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Sure Grip—Work holder for Miller saw trimmers. Monomelt Co., 1611 Polk St., N.E., Minneapolis 13, Minn.

Surest — Non-offset compound. Sinclair & Valentine Co., 611 W. 129th St., New York 56, N. Y.

Suretake — Compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

S-Utility—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

SUtone—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

SUveneer—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

S W — 21 x 28 automatic single color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

S. W.—Process silk screen colors Sherwin-Williams Co., Graphic Arts Div., 101 Prospect Ave., N.W., Cleveland 1, O.

Swelgard Ideal—Printing frames for photoengravers. Max Levy & Co., Wayne Ave., and Berkley St., Philadelphia 44, Pa.

Swifter Lifter—Electric portable elevator 1 to 5 h.p. motor. Economy Engineering Co., 4511 W. Lake St., Chicago 24, Ill.

SWW—Paper knives. Simonds, Worden, White Co., Dayton 7, O.

SY-27x41—Automatic single color letterpress. Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

○Synchros—Ink, process colors. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

○Syncro—Inking system to improve inking by synthetic form rollers. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

Syncrogear—Geared motor. U. S. Electrical Motors, Inc., 200 Slausen Ave., Los Angeles 54, Calif.

○Syndicate—Dry mat for syndicating purposes. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○Synthocraft Rollers — Synthetic rubber rollers for lithographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○Synthox Full Synthetic—Rollers for use as both form and distributing rollers on all presses from small highspeed jobbers to large rotary presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

Syntron—Paper joggers. Syntron Co., 577 Lexington Ave., Homer City, Pa.

Systemat — Duplicating master. Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O.

T

Tabletine—Padding cement. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

Takewell—Anti-crystallizing compound. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Takk—Neutralizing bar for eliminating static electricity in printing presses. Takk Corporation, Newark, O.

Tally-Tab—Automatic sheet counter and marker. Miller-Lauffer Printing Equipment Corp., 280 Lafayette St., New York 12, N. Y.

○Tantone — Synthetic lithographic rollers. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 12, Ill.

Tarpley—Routing bits for electrotypers, photoengravers and stereotypers. George Tarpley Co., The, P.O. Box 245, Chesterland, O.

Tasope — Photoengraving equipment, complete plants, process cameras, metal printing and etching units. The Tasope Co., Tasope Bldg., Aurora, Mo.

Tauber—Plastic and mechanical binding materials and equipment. Tauber Plastics, Inc., 200 Hudson St., New York 13, N.Y.

Taylor—Counter and stacker and a bagging machine. Popular Mechanics Co., Attn: William H. Taylor, 200 E. Ontario St., Chicago 11, Ill.

Tee-Jay—Paste. Arthur S. Hoyt Co., 175 Fifth Ave., New York 10, N. Y.

○Teletypesetter — Automatic operating apparatus for line-composing machines. Fairchild Graphic Equipment, Inc., Teletypesetter Div., 2752 N. Clybourn Ave., Chicago 14, Ill.

Templistiks—Indicating temperatures upon application to a hot surface. Wax-like pencils melt at given temperatures. Fisher Scientific Co., 717 Forbes St., Pittsburgh 19, Pa.

Tenak — Electrotypers' mounting material. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

Tenamat — Electrotype molding medium. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

Tenamold — Electrotype molding material. Tenak Products Co., 2615 N. Paulina St., Chicago 14, Ill.

Tenaplate—Electrotypers' molding composition. Tenak Products, Inc., 2615 N. Paulina St., Chicago 14, Ill.

Tensee—Guard for photoengraving, electrotype and stereo saws. Brett Guard Co., Flatbush Indus. Term. Bldg., 3611—14th Ave., Brooklyn 18, N. Y.

○Tensionplate Automiller—For milling press plateholder pockets in curved newspaper stereotype plates. Wood Newspaper Machinery Corp., 688 Second Ave., Plainfield, N. J.

Tesch—Knife and saw filling and swaging machines and saw trimmers. Tesch Mfg. Co., 2121 N. Drew, Appleton, Wis.

Texcel—Clear and colored cellophane tape. Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J.

Thermo—Tin printing inks. Crescent Ink & Color Co. of Pa., 464 N. Fifth St., Philadelphia 23, Pa.

○Thermo-Blo—Mold cooling device Linotypes. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○Thermomat—Thermosetting matrix board for rubber plate production. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○Therm-O-Set — Gummed packing felt. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○Therm-O-Set Fuzon — Gummed packing felt. American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

○"33"—Letterpress ink conditioner. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

Thompson — Composing room, bindery and special wood equipment. Thompson Cabinet Co., Lake St., Ludington, Mich.

Thomson—Cutting and creasing presses, embossing presses, electric die-heaters. Thomson-National Press Co., Dean Ave., Franklin, Mass.

3M—Adhesives; offset plates and chemicals; letterpress make-ready system; dampening rollers and sleeves. Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn.

Timken—Tapered roller bearings. **Timken Roller Bearing Co., Canton 6, O.**

○Tingue Cork—Cork blanket with fabric both sides. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

○Tingue—Felt, plain and coated with synthetic compound. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Tint-print—Process for making double prints on engravers' metal. Harold M. Pitman Co., 51st Ave. & 33rd St., Chicago 50, Ill.

Ti-Pi—Rubber printing plate materials and cutting tools, Ti-Pi Co., 1000 Broadway, Kansas City 5, Mo.

Tipmaster—Electric glue tipper for snapout forms. Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif.

Tippy—One-time carbon binding machine. J. Curry Mendes Corp., 1 Curry Lane, Canton, Mass.

○Tirfing 41—Single color cylinder letterpress. Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.

Toggle—Patent metal base, register hooks, Vee slot hooks, aluminum alloy metal furniture. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

○Toledo—A composing room saw trimmer. Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O.

○Tone-Tex—A stereotype mat. Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill.

Ton-Tex—Belting for Miehles, Dexter feeders and folders. Special belts for Linotypes and Intertypes. Ton-Tex Corp., 247 Pearl St., N.W., Grand Rapids 2, Mich.

○Top—Drawsheet 0.024 and 0.030 gauge. Synthetic coating. Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y.

Tork—Clock switches. Tork Time Controls, Inc., 11 Grove St., Mt. Vernon, N. Y.

○Totalux—Electronic timing device for photoengraving, offset and and gravure platemakers. General Electric Co., 1 River Rd., Schenectady, N. Y.

○Tough Temper—Dies for die-cutting. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

Tower of Strength—Type metal. National Lead Co., 111 Broadway, New York 6, N. Y.

Translight—Cold grid copyboard illuminator and light source for slow exposures and pre-sensitized plates. Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo.

Translucent—A stereotype molding board. United Stereotype Supply Co., P. O. Box 38, W. Lynn, Mass.

Transopaque—Shading sheets for pre-separated color copy. Bourges, Inc., 106 Fifth Ave., New York 11, N. Y.

Transparotype — Clear acetate proofs of type for reproduction. Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill.

Travel-Grip—Tympan paper. Miami Valley Coated Paper Co., Franklin, O.

Treated Jute — Tympan paper. Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y.

Treyco—Sharpening fixture and stand for grinding saws. Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y.

Triangle — Printing and lithographic inks. Triangle Ink & Color Co., 329 E. 29th St., New York 16, N. Y.

○Tri-Clad—Motors. General Electric Co., 1 River Rd., Schenectady 5, N. Y.

○Tri-Color — Three color overhead camera. Robertson Photomechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill.

Tri-dimensional — Process inks. Sleight & Hellmuth, Inc., 900 S. Clinton St., Chicago 7, Ill.

○Trik — Quickset ink conditioner. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

○TrimOsaw—Composing room saw-trimmer. Hammond Machinery Builders, Inc., 1604 Douglas Ave., Kalamazoo 54, Mich.

Trim-See—Guard for composing room saws. Brett Guard Co., Flatbush Indus. Term. Bldg., 3611—14th Ave., Brooklyn 18, N. Y.

Triple-Action—Composing machine mold polish. Joseph Dixon Crucible Co., 167 Wayne St., Jersey City 3, N. J.

Triplemetal—Photoengravers' alloy plate. Edes Mfg. Co., Water St., Plymouth, Mass.

Triumph—Composing room, stereotype and pressroom equipment. Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn.

Troy—Ink mills and mixers. Troy Engine & Machine Co., 739 Parsons St., Troy, Pa.

○Tru-Kote — Direct image plate, paper master. Davidson Corporation, Sub. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○Trumax—Molding press for molding rubber and plastic matrices and plates, electrotype molding and stereotype mats. Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.

○Trumold—Stereotype cork molding blanket. Eastern Newspaper Supply, Inc., 9603 Northern Blvd., Corona 68, New York.

Trump—Paste. Arthur S. Hoyt Co., 175 Fifth Ave., New York 10, N. Y.

Tubular—Rotary stereotype press **and tubular stereotype machinery.** The Goss Company, Div. of Miehle - Goss - Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Tufcrete—Floor maintenance materials. Tufcrete Company, Inc., 502 E. Locust St., Des Moines 9, Ia.

Tufhide — Metal decorating inks. **Sinclair & Valentine Co., 611** W. 129th St., New York 27, N. Y.

Turner—Safety guards and quoins. Turner Printing Machinery, Inc., 2630 Payne Ave., Cleveland 14, O.

Turpaque—Negative opaque. Ulano Products Co., 610 Dean St., Brooklyn 38, N. Y.

○20/20 — Overprint varnish. Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill.

21 x 28 SW — Automatic single **color letterpress. Miller Printing** Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

21 x 28 TW — Two-color letter**press. Miller Printing Machinery** Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

27 x 41 SY — Single color letter**press. Miller Printing Machinery** Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

27 x 41 TY — Two-color letter **press. Miller Printing Machinery** Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

28 x 41CY — Cutter and creaser. **Miller Printing Machinery Co.,** 1103 Reedsdale St., Pittsburgh 33, Pa.

Twin-Type — Water-cooled molds with cavities above and below to cast slip-off ingots. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

○Twistite—Push pull quick acting vise. J. A. Richards Co., 903 N. Pitcher St., Kalamazoo 60F, Mich.

○Two-in-One—Mixer Linotypes on which both 72 and 90 channel magazines may be used simultaneously. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

○Type-&-Rule Caster — Casts type, ornaments, individual borders, quads, spaces for hand composition in all sizes from 1½ to 12 pts. Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 3, Pa.

Typecast — Cuts. Sterling Type Foundry, Charlotte, Mich.

Typeclean—Wash for type. Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa.

Tygon—Acid proof paints. U. S. Stoneware Co., Tallmadge Ave., Akron 9, O.

Tymotherm — Time controls for heating elements. Tork Time Controls, Inc., 11 Grove St., Mt. Vernon, N. Y.

○Typocraft — Synthetic rollers for typographic presses. Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○Typ-O-Writer — Portable electric keyboard with typewriter arrangement of keys for use with linecasting machines. Star Parts, Inc., 2 S. Main St., South Hackensack, N. J.

Typro — Portable photolettering **machine. Halber Corporation,** 4151 Montrose Ave., Chicago 41, Ill.

Tyton—Halftone blacks. Canada Printing Ink Co., 15 Duncan St., Toronto, Canada.

Tyups—For bundling newspapers for delivery. The Tie Co., 14 Depot St., Unadilla, N. Y.

U

Ulano — Vinyl base silk screen films, photomechanical masking film. Ulano Products Co., 610 Dean St., Brooklyn 38, N. Y.

Ulano Swivel—Swivel knife for cutting masks, films, stencils, etc. Ulano Products Co., 610 Dean St., Brooklyn 38, N. Y.

○**Ultra-Force Typographs** — High-speed all-purpose, newly developed typograph designed for handling almost all kinds of standard numbering jobs. Wm. A. Force & Co., 216 Nichols Ave., Brooklyn 8, N. Y.

Ultra-Precision—Bearings. Norma-Hoffman Bearings Corp., Stamford, Conn.

Ultra-Viscoson — Viscometer for controlling solvent added to ink reservoirs in gravure and flexographic printing and in lacquer coating. Bendix Aviation Corp., Cincinnati Div., 3130 Wasson Rd., Cincinnati 8, O.

Ultropaque—Inks. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Umixit—Gold ink. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Uni-Base—Magnesium base for mounting photoengravings, electrotypes and stereotype plates. Klingman Precision Metals Co., Inc., P. O. Box 427, Louisville, Ky.

Uniclosed—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

Unifio—Ink fountain. Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y.

Union—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

Unique — Steel register system, block, hooks, plate mounting equipment. Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y.

Unisorb — Vibration eliminating material. The Felters Company, 210 South St., Boston 11, Mass.

Unit—Rotogravure press. Kidder Press Co., Dover, N. H.

United American—Type metals. United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill.

U. S. Autostart—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

U. S. Varidrive—Motors. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

Uni-Damp—Seamless offset dampener roller covers. Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa.

Unitronics—A device for counting sheets when stacked. Unitronics, Inc., 472 Paul Ave., St. Louis 21, Mo.

Unitube—Rotary newspaper printing press. The Goss Company, Div. of Miehle - Goss - Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Unitubular — High speed rotary newspaper press. The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

Universal — Jogging machines. Southworth Machine Co., 30 Warren Ave., Portland 2, Me.

○**Universal — Mono-tabular broach** for setting rule forms. Universal Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

○**Universal—Single width semi-cylindrical rotary printing press.** The Goss Company, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill.

○**Universal—Strip caster. Universal** Mono-Tabular Corp., 715 N. Central Expressway, Richardson, Tex.

○**Universal — Vertical brass rule used with mono-tabular broach. Universal Mono-Tabular Corp.,** 715 N. Central Expressway, Richardson, Tex.

○**Universal Intertype—Trade name** for model of Intertype line composing machine. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

Universal Peerless—Oblong hole rotary perforating machine. Nygren-Dahly Co., 1422 Altgeld St., Chicago 14, Ill.

○**Universal Precision Knife Block**—With separate micrometer adjustments of each point size from 5 pt. to 45 pt. Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Universal Saw-Trimmer — Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa.

Uplifter—Portable elevator. Revolvator Company, 2096—86th St., North Bergen, N. J.

Uprightgrain Base—A wood tacking base for mounting electrotypes. J. W. Pitt, Inc., 3 Exchange St., Bath, N. Y.

Utility—Grippers for a platen press. Chester L. Lance Co., 629 Browder St., Dallas 1, Tex.

Utility—Hand paper cutter. Pavyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo.

V

○**Vandercook**—Proof presses, test presses, dry offset press, block leveller, type, slug and plate gauges, makeup gauge, test blocks, Lite-Base mounting system, plate mounting gauge. Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

○**Vanitex—Offset blankets.** Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.

○**Vapolith** — Offset instantaneous heat-dried inks. Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Vaporin—Drying units for Vaporin for high speed presses. Selas Corp. of America, Dresher, Pa.

○**Vaporin—Letterpress instantaneous heat-dried ink.** Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

○**Vaposet—Inks which set quickly under application of steam or water vapor.** Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Varidrive—Variable speed unit. U. S. Electrical Motors, Inc., 200 E. Slauson Ave., Los Angeles 54, Calif.

Vari-Typer—Justifying typewriter for preparation of copy for photo offset reproduction. Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J.

Veeder-Root — Press counters. Veeder-Root, Inc., 70 Sargeant St., Hartford 2, Conn.

Velo — Cold-set ink and printing process. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

○**Velvee**—Gum glaze remover and rubber rejuvenator for composition and rubber rollers and blankets. Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y.

Velvet — Compound (Reducing). General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

Velvet—Quick setting liquid. Inco Company, Inc., 2372 W. Seventh Ave., Cleveland 13, O.

Velveteen—Rollers. Bingham Bros. Co., 406 Pearl St., New York 7, N. Y.

○**Vent-A-Flex—Perforated gummed packing felt.** American Publishers Supply, Inc., 50 B Salem St., Lynnfield, Mass.

Ventura—Fans, ventilating and exhausting. American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich.

Verse-print—Process for making reverse prints on engravers' metal. Harold M. Pitman Co., 51st Ave. & 33rd St., Chicago 50, Ill.

○**Vertical—Small size, vertical type,** job cylinder press. The Miehle Company, Div. Miehle-Goss-Dexter, Inc., 2011 Hastings St., Chicago 8, Ill.

Vibration Meter—For measuring the displacement velocity and acceleration components of vibration in machinery and produced in structures by machinery. General Radio Co., 275 Massachusetts Ave., Cambridge 39, Mass.

Victor—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

Victory — Mitering machine and hand press. Craftsman Machinery Co., 75 W. Dedham St., Boston 10, Mass.

○**Viking 45**—Single color cylinder letterpress. Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J.

Vinylite Molded — Electrotypes. Reilly Electrotype Co., Div. of Electrographic Corp., 305 E. 45th St., New York 17, N. Y.

Virkotype—Thermographic equipment and supplies. Virkotype Corporation, 111 Rock Ave., Plainfield, N. J.

○**Visco—Underlay paste.** Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill.

Visgard — Viscosity control unit, viscometer. Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill.

○**Vislite—Magazines for Intertype** composing machines. Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 2, N. Y.

○**Vitaflux—A type metal flux and** cleaner. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

○**Vitalloys—Special low temperature** casting type metals for Monotypes and Thompson casters. Imperial Type Metal Co., 1800 S. 54th Ave., Chicago 50, Ill.; 3400 Aramingo Ave., Philadelphia 34, Pa.

○**Vitaplate**—Zinc alloy engraving metal for both Dow Etch process and for conventional nitric etching. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

○**VitasolV**—Chemical bath for combination etching of photoengraving. Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill.

Vitene—Rubber blanket and roller rejuvenator. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Vulcan**—Newspaper cylinder packing, offset blankets and rollers. Reeves Brothers Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

Vulcan Composition—Non-meltable glue and glycerine printers' roller. Sam'l Bingham's Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill.

○**Vulcolastic**—Rollers for newspaper and magazine presses. Reeves Brothers Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y.

W

Waite—Sheet-feed gravure press. Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.

Waite Inverted — Die stamping press. The Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J.

Walbert—Skid lift. Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo.

Wallastar — Automatic newspaper bundler. The Toronto Star, Ltd., 275 Albany St., Toronto 4, Can.

Walton—Air conditioning and dehumidifying equipment. Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J.

Warnock—Patent metal base, register hooks, Vee slot hooks. Printing Machinery Co., 436 Commercial Sq., Cincinnati 2, O.

Warren Metal Feeders—Missouri-Central Type Foundry, 703 E. Murdock Ave., P.O. Box 2066, Wichita, Kan.

Washtone — Shading medium. Craftint Mfg. Co., 1615 Collamer Ave., Cleveland 10, O.

Waterproof—Bookbinders' ruling inks. Eaton-Clark Co., 1490 Franklin St., Detroit 7, Mich.

Watson—Press. The Kelsey Co., 45 Crown St., Meriden, Conn.

Waxwell—Bottle cap inks. J. M. Huber Corp., 1478 Chestnut Ave., Hillside, N. J.

Weathermakers—Carrier air conditioning, refrigerating, space heating machinery. Carrier Corp., 300 S. Geddes St., Syracuse 1, N. Y.

○**Webendorfer** — Offset presses, equipment and supplies. American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J.

Webmaster—Unit type newspaper press drive. Cutler - Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis.

Wee Notch—Carbon interleaved printed forms. General Manifold & Printing Co., Franklin, Pa.

Wellborn—Grained offset plates. Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y.

Wellite — Plate mounting base. Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind.

○**Wesel**—Equipment for the photoengraver, electrotyper, stereotyper and lithographer. Wesel Mfg. Co., 1141 N. Washington Ave., Scranton 9, Pa.

Western—Static eliminator. Western Brush Co., Inc., 219 S. Western Ave., Chicago 12, Ill.

Weston — Thermometers, photographic analyzers and tachometers. Weston Electrical Instrument Corp., 614 Frelinghuysen Ave., Newark 12, N. J.

○**Wetter—Typographic numbering machine: reverse-end midget, condensed, duplex, large-figure, cash sales slip, ⅝-inch wide, center-driven, one-inch, over type high, rotary press, special.** Wetter Numbering Machine Co., Atlantic Ave. & Logan St., Brooklyn 8, N. Y.

○**Whirlaway—Dust and chip deflector** for Autoplate machines. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

White—Paper trimming knives. Simonds Worden White Co., Summit St. & Negley Pl., Dayton 7, O.

Wickersham — Quoins. Samuel Stephen & Wickersham Quoin Co., 174 High St., Boston 10, Mass.

○**Wide Range—Trade name for several Linotype models equipped with wide standard magazines.** Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.

Wild & Stevens — Letterpress, newspaper and offset rollers. Wild & Stevens, Inc., 45 Industrial Place, Newton Upper Falls 64, Mass.

○**Wilson—Adjustable blocks, patent base for book work.** Challenge Machinery Co., First St., Grand Haven, Mich.

Wing Mailer—For placing address labels on mailing pieces. Chauncey Wing's Sons, 78 Pierce St., Greenfield, Mass.

Wink-Dri—Fast drying letterpress printing ink for regular commercial printing purpose. F. G. Okie, Inc., 103 Oak St., Ambler, Pa.

Winton—Dry powder offset eliminator and dry powder. Retractable board holder. Winton Engineering Co., 2353 May St., Cincinnati, O.

Winton—Retractable board holder for unloading presses without stopping and for "multiple decking." Winton Engineering Co., 2353 May St., Cincinnati, O.

Winton—Board and sheet markup and inspection table. Winton Engineering Co., 2353 May St., Cincinnati, O.

○**Wiroveyor** — Engineered conveyor systems. Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

○**Wiretyer** — Automatic wiretying machines for bundles and stacks of newspapers. Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J.

Wolverine—Flexographic printing presses. Wolverine Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich.

○**Wonder**—Black ink. Interchemical Corp., Printing Ink Div., 67 W. 44th St., New York 36, N. Y.

Wonder—Non-offset spray solution. Sleight Metallic Ink Co., 538 N. 3rd St., Philadelphia 23, Pa.

Wonpreshun—Opaque white. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

○**Wood Green Bake Mat**—Direct pressure stereotype mat. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○**Wood Heavy Duty — Newspaper** press. Wood Newspaper Machinery Corp., 688 Second St., Plainfield, N. J.

○**Wood ROP Color Mat**—Stereotype mat designed especially for ROP color reproduction. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○**Wood**—Dry mats (flongs) for stereotyping. Wood Flong Corp., Davis St., Hoosick Falls, N. Y.

○**Wood**—Steel web newspaper presses and stereotyping equipment. Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J.

Worden—Paper trimming knives. Simonds Worden White Co., Summit St. & Negley Pl. Dayton 7, O.

Wotta Black — Series of non-scratch, quick setting, minimum offset inks for platen and cylinder presses. General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y.

W-R—Non-offset spray wax. Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.

W-R—Wax conditioner for press color inks. Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill.

Wynnliner—Gold hot stamping presses. Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa.

X

XL—Power saws with trimmers. Missouri-Central Type Foundry, 703 E. Murdock Ave., P. O. Box 2066, Wichita 1, Kan.

Y

○**Yankee**—A composing stick. H. B. Rouse & Co., 2214 North Wayne Ave., Chicago 14, Ill.

YES — Bookbinders equipment. Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill.

York—Air conditioning equipment. York Corp., York, Pa.

Young—Special presses for printing on any material, including punching, slitting, perforating, etc. Young Engineering Co., 2435 N. Sheffield Ave., Chicago 14, Ill.

Y-Poff — Offset inks. Braznell Company, 2227 Walnut St., St. Louis 3, Mo.

Z

Zenith—Cork stereotype molding blanket. United Stereotype Supply Corp., P. O. Box 38, W. Lynn, Mass.

Zenith—Plate graining and plate whirling machines. Zarkin Machine Co., 34-19 10th St., Long Island City 6, N. Y.

Zephyr—Quick drying halftone and offset inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

○**Zink**—Cement for mounting cuts. E. A. Booth Rubber Co., 2355 Scarborough Rd., Cleveland Heights 18, O.

Zip-Dri—Work and turn letterpress inks. Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y.

○**Zomag**—(Dowmetal) — Photoengravers' plates. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y. Rolled Plate Metal Co., 210 Van Brunt St., Brooklyn 31, N. Y.

○**Zomo-Electric Zinc** — Photoengravers plates. Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y. Rolled Plate Metal Co., 210 Van Brunt St., Brooklyn 31, N. Y.

***Printing Production* Filing System**

1959

Manufacturers', Suppliers' and Dealers' Index

FOR PRINTING'S MANAGEMENT, PRODUCTION AND MECHANICAL EXECUTIVES

○ Indicates advertiser. See Advertisers' Index, Pages B-C-D.

Every effort has been exerted by the compilers of this index to see that the information given herein is correct in every particular. For that reason PRINTING PRODUCTION cannot be responsible for errors or omissions. Corrected and revised December, 1958.

A

Abbeon Supply Co., 179-15 Jamaica Ave., Jamaica 32, N. Y. Industrial humidifying and dehumidifying equipment; magnifying and reducing glasses.

○Abrams, The M. L., Co., 1841 Prospect Ave., Cleveland 15, O. Remanufactured machinery; type and supplies and new machinery.

Accurate Steel Rule Die Mfrs., 22 W. 21st St., New York 10, N. Y. Steel rule dies and embossing dies, die cutting jackets.

Ace-Sycamore, Inc., 448 DeKalb Ave., Sycamore, Ill. Portable electric blowers for cleaning type cases, motors and presses.

Acheson Dispersed Pigments Co., 1421 Chestnut St., Philadelphia 2, Pa. Inks for printing on vinyl and other flexible plastics, compounds.

Ackerman-Gould Co., 92 Bleecker St., New York 12, N. Y. Hot press marking for paper, plastics and leather; embossing machinery; roll leaf foils.

Acme Electric Heating Co., 1217 Washington St., Boston 18, Mass. Glue pots and metal melting pots.

Acme Gear & Machine Co., Seventh and Wood Sts., Philadelphia 6, Pa. Anti-offset equipment.

Acme Gravure Services, Inc., 1501 W. Congress St., Chicago 7, Ill. Etching rotogravure cylinders, including copper and chrome plating and proofing.

Acme Printing Appliance Co., The, 9455 Seymour Ave., Schiller Park, Ill. Sheet heaters, roller trucks, vibrating distributors, fountain dividers, perforators.

Acme Staple Co., 1643 Haddon Ave., Camden 3, N. J. Saddle and side stapling machines, staples.

Acme Steel Co., 135th St. & Perry Ave., Riverdale 27, Ill. Wire stitchers.

Addressograph-Multigraph Corp., 1200 Babbitt Rd., Cleveland 17, O. Offset presses, addressing and mailing equipment.

Aetna Paper Co., Div., Howard Paper Mills, Inc., 115 Columbia St., Dayton, O. Bond, ledger book and specialty papers.

Aids Development Co., Inc., 16560 Elderdale Dr., Cleveland 30, O. Printing press fountain controls and dark room solution dispensers.

Aigner, G. J., Co., 426 S. Clinton St., Chicago 7, Ill. Indexes, index tabs blank index tabbing, insertable tabs, index shields.

○Alan Wood Steel Co., Conshohocken, Pa. Safety steel floors for plate foundry and pressroom.

Albany Grease Co., Linden, N. J. Lubricating equipment and supplies.

Alemite Div., Stewart-Warner Corp., 1826 Diversey Pkwy., Chicago 14, Ill. Lubricating equipment, tachometers.

Alico, Incorporated, Montague, **Mass. Roller stock adapters for presses to convert into ball** bearing type; infra-red stereotype mat driers; depth measuring microscope; curved microscope; curved plate checking instrument; inking roller durometers; impression gauges.

Allied Printing & Binding Machinery Co., 3767 Chester Ave., Cleveland 14, O. New and used machinery, repairing.

All Purpose Gold Corp., 320 Bridge St., Brooklyn 1, N. Y. All purpose roll leaf for stamping covers.

All Purpose Roll Leaf Corp., 37 West Century Rd., Paramus, N. J. All purpose roll leaf for stamping covers; hot die stamping foils.

Altair Machinery Corp., 55 Vandam St., New York 13, N. Y. Printing machinery.

○Alteneder, Theo., & Sons, 1217 Spring Garden St., Philadelphia 23, Pa. Stainless steel printing layout and platemaking measuring instruments and scales.

Aluminum Co. of America, 1501 ALCOA Bldg., Pittsburgh 19, Pa. Abrasive surface aluminum tread plates for floors and stairs, laminated foil paper.

American Automation Inc., 175 W. Jackson Blvd., Chicago 4, Ill. Single and multi-color silk screen press.

American Blower Div. of American-Standard, 8111 Tireman Ave., Dearborn, Mich. Air conditioning equipment and supplies.

American Brass Co., The, 414 Meadow St., Waterbury 20, Conn. Copper anodes.

American Bronzing Machine Works, Inc., 145 Nassau St., New York N. Y. Flat bronzing machine for attachment to printing presses.

American Coils Co., Rt. 524, Lakewood Rd., Farmingdale, N. J. Unit conditioners for removing humidity; packaged chillers for press rollers.

American Cotton Products Co., 2516 S. Damen Ave., Chicago 8, Ill. Wiping cloths.

American Evatype Corp., 749 Osterman Ave., Deerfield, Ill. Rubber and plastic platemaking equipment; bag making equipment and supplies; box and carton equipment and supplies.

American Graphic Arts Machinery Co., Inc., 132 Nassau St., New York 38, N. Y. Machinery dealers.

American Numbering Machine Co., Atlantic and Shepherd Aves., Brooklyn 8, N. Y. Numbering machines.

American Perforator Div., Heller Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y. Perforators.

○American Publishers Supply Inc., P.O. Box 421, Lynnfield, Mass. Composing, stereotype and pressroom equipment and supplies.

○American Roller Co., 1342 N. Halsted St., Chicago 22, Ill. Printers' rollers and adhesives, glue.

American Sanitary Rag Co., 336 W. 37th St., Chicago, Ill. Wiping cloths.

American Speedlight Corp., 63-01 Metropolitan Ave., Middle Village 79, L. I., N. Y. Pulsed Xenon arc light for camera-copyboard and printing frame illumination.

American Steel & Wire Div., U. S. Steel Corp., Rockefeller Bldg., Cleveland 13, O. Bookbinders wire.

○American Steel Chase Co., 31-31 —48th Ave., Long Island City 1, N. Y. Chases, saw trimmers, trucks, rules, galleys, cutters, mitering machines.

American Tape Co., 4058 Beaufait Ave., Detroit 7, Mich. Pressure sensitive tapes.

○American Type Founders, Inc., 200 Elmora Ave., Elizabeth, N. J. Printing presses; foundry type; pressroom, bindery and composing room equipment. Branch Offices: 200 Varick St., New York 14, N. Y.; 728 Spring St., N. W., Atlanta 8, Ga.; 519 W. Monroe St., Chicago 6, Ill.; 360 Golden Gate Ave., San Francisco 2, Calif.; 273-285 Congress St., Boston 10, Mass.; 1530 E. 19 St., Cleveland 14, O.; 20 E. Ninth St., Cincinnati, O.; 604 S. Akard St., Dallas 2, Tex.; 1314 W. Ninth St., Los Angeles 15, Calif.; 207-209 N. Broad St., Philadelphia 2, Pa.; and 1931 Washington Ave., St. Louis 3, Mo. Sales Offices: Providence 3, R. I.; Rochester 4, N. Y.; Baltimore 2, Md.; Pittsburgh 12, Pa.; Washington, D. C.; Buffalo, N. Y.; Detroit 26, Mich.; Grand Rapids 2, Mich.; Toledo 4, O.; Columbus 15, O.; Indianapolis, Ind.; Louisville 2, Ky.; Chattanooga, Tenn.; Hialeah, Fla.; Richmond, Va.; Des Moines 9, Ia.; Milwaukee 2, Wis.; Minneapolis 2, Minn.; Omaha 2, Neb.; Kansas City, Mo.; Portland 5, Ore.; Seattle 4, Wash.; New Orleans, La., and in the Rocky Mountain area: A. E. Heinsohn, 1443 Blake St., Denver 2, Colo., with offices in Salt Lake City, Utah, Phoenix, Ariz., and Albuquerque, N. M.

American Wood Products & Tool Supply, 705 Montclair Ave., Edwardsville, Ill. Carbide tipped saw blades for cutting printers' metal and router bits.

American Wood Type & Mfg. Co., 42-25 Ninth St., Long Island City 1, N. Y. Wood type-rules, borders and tint blocks; stapling machines.

American Writing Paper Corp., 10 Eagle-A Ave., Holyoke, Mass. Bond, ledger, bristol, book, offset, cover, parchment, postcard, mimeograph, manifold and specialty papers.

Ameurope, Inc., 535 Communipaw Ave., Jersey City 4, N. J. Typographic numbering machines and marking devices.

Ampress, Incorporated, 910 E. 138th St., Bronx, N. Y. Machinery dealers.

○Amsterdam Continental Types & Graphic Equipment, Inc., 268 Fourth Ave., New York 10, N. Y. Foundry type, cylinder presses, offset proof presses, graining machines, and machinery dealers.

Amthor Testing Instrument Co., Inc., 45 Van Sinderen Ave., Brooklyn 7, N. Y. Testing instruments and time recorders.

○Anchor Chemical Co., Inc., 827 Bergen St., Brooklyn 38, N. Y. Type wash, roller cleaner and detergents.

Anderson, C. F., & Co., 3225 Calumet Ave., Chicago 16, Ill. Trucks, folders and bundling presses, binding machinery; pressroom drying racks.

Anderson, Paul, Mfg. Co., 8306 Broadway, P.O. Box 6705, San Antonio 9, Tex. Register table and repeat printer for photoengravers and offset platemakers.

Angle Steel, Inc., 169 Acorn St., Plainwell, Mich. Steel furniture for printing plants.

○Ansco Div., General Aniline & Film Corp., 40 Charles St., Binghamton, N. Y. Photoengraving, offset and gravure film and supplies.

Apex Machine Co., 14-13—118th St., College Point 56, N. Y. Tube or rod printing machines, special printing presses for pencils and other objects, hot embossing presses; special plastic inks; rubber type.

Appleton Coated Paper Co., 1200 N. Meade St., Appleton, Wis. Bond, bristol, coated board and paper, cover, offset, tag, kraft, metallic and specialty papers.

Arabol Manufacturing Co., 110 E. 42nd St., New York 17, N. Y. Gums, glues, pastes, latex cements.

Arbeka Webbing Co., 1135 Roosevelt Ave., Pawtucket, R. I. Web tape.

Armstrong Machine Works, 847 Maple St., Three Rivers, Mich. Steam humidifiers.

Arnold Numbering Machine Works, 434 S. Wabash, Chicago 5, Ill. Numbering machines; repairers of numbering machines.

Artype, Incorporated, 127 S. Northwest Hgwy., Barrington, Ill. Acetate sheets with alphabets, arrows and signs for photomechanical reproduction.

Atlantic Powdered Metals, Inc., 38 Park Row, New York 38, N. Y. Bronze, aluminum and copper powders.

○Atlantic Zinc Works, Inc., 210 Van Brunt St., Brooklyn 31, N. Y. Zinc, copper and magnesium photoengraving plates.

Atlas Numbering Machine Service, 270 Lafayette St., New York 12, N. Y. Typographic numbering machines; machinery dealers.

Atlas Printing Equipment Co., 270 Lafayette St., New York 12, N. Y. Machinery dealers.

Atlas Silk Screen Supply Co., 1733 Milwaukee Ave., Chicago 47, Ill. Screen process photographic equipment and supplies.

Atlas Sponge Co., 2520 S. Damen Ave., Chicago 8, Ill. Natural and synthetic sponges, cheese cloth and machinery wiping cloths.

Atlas Stencil Files Corp., 16716 Westfield Ave., Cleveland 10, O. Vertical filing cabinets and hangers for negatives, offset plates, silk screen stencils and blueprints.

Austin Company, 16112 Euclid Ave., Cleveland 12, O. Industrial building construction engineers and designers.

Austin, O., Div., Decalcomania and Metal Etching Co., 225 Flatbush Ave., Brooklyn 17, N. Y. Silk screen printing machines, screens and paints; special machinery for printing vials, bottles, jars, labeling.

Automatic Saw Co., 425 N. Senate Ave., Indianapolis 4, Ind. Sharpens saws for printers; saw equipment and routers.

Azoplate Corporation, 558 Central Ave., Murray Hill, N. J. Presensitized offset plates.

B

Babcock Printing Press Co., 3215 W. Tusc., Canton 8, O. Letterpress, offset and gravure printing presses; die cutting presses.

Bache, Semon, & Co., 636 Greenwich St., New York 14, N. Y. Magnifying and reducing glasses, photoengravers glass, glass graining marbles.

Bagley and Sewall Co., Div. Black Clawson, 101 Pearl St., Watertown, N. Y. Slitting and rewinding machines.

○Bahnson Company, The, 1001 S. Marshall St., Winston-Salem, N. C. Air conditioning, steam humidifiers.

Baker Industrial Trucks, Div. Otis Elevator Co., 8000 Baker Ave., Cleveland 2, O. Gas and electric fork trucks, platform trucks, electric cranes.

Balata, Victor, & Textile Belting Co., 53 Park Place, New York 7, N. Y. Press tapes, motor and conveyor belting.

Balemaster Div., East Chicago Machine Tool Corp., 4801 Railroad Ave., East Chicago, Ind. Waste paper balers.

Baltimore Type and Composition Corp., 15 Frederick St., Baltimore 2, Md. Foundry type, borders and rule.

Bancroft, Ralph, Co., 324 Fifth Ave. So., Minneapolis 15, Minn. Slughigh sinkers.

Banthin Engineering Co., 1849 Main St., Bridgeport 4, Conn. Letterpress cylinder press.

○Bar-O-Type Corp., 400 Lakeside Ave., Cleveland 13, O.—Display caster.

Bar-Plate Mfg. Co., Inc., Boston Post Rd., Orange, Conn. Lineup, makeready tables, jackets for press die cutting and fountain dividers; deep etch tables, darkroom inspection light, score cutting machine.

Bar-Rack Co., The, 2530 East Ave., Akron 14, O. Floor rack for temporary storage of slotted eye type metal pigs.

Barager, M. E., Co., 6523—20th Ave., N. E., Seattle 15, Wash. Typesetting machinery, parts and supplies.

Barco Type Founders, 64 Wagner, Northlake, Ill. Type and lockup material.

Barnhard Printers Supply Co., 7-13 Governor St., Newark 2, N. J. Machinery dealer.

Barrett-Cravens Co., 630 Dundee Rd., Northbrook, Ill. Paper and case handling trucks.

Bauer Alphabets, Inc., 235 E. 45th St., New York 17, N. Y. Foundry type.

Bauer Presses, Inc., 235 E. 45th St., New York 17, N. Y. Reproduction proof press dealer.

○Baum, Russell Ernest, Inc., 1540 Wood St., Philadelphia 2, Pa. Folding machines; feeders and presses.

Baumgardner, H. K., Sales and Service Co., 1909 Euclid Ave., Cleveland 15, O. Machinery dealers.

Bausch & Lomb Optical Co., 651 St. Paul St., Rochester 2, N. Y. Magnifiers and microscopes; paper testing instruments.

Beall, Jack, Vertical Service Co., 641 S. Dearborn St., Chicago 5, Ill. Transfer table, service and accessories for Miehle Vertical press.

Beard Newsprint & Warehouse Co., Inc., 8761 Fulton St., Detroit 9, Mich. Aluminum alloy stereotype chases.

Beck, Charles, Machine Corp., 42 Church Rd., King of Prussia, Pa. Press sheet cutter, slitters and rewinders, knotting, looping and stringing machines.

Beck Engraving Co., Inc., Seventh & Sansom Sts., Philadelphia 6, Pa. Rotogravure cylinder, sleeve and platemaking for the trade.

Becker Bros. Engraving Co., 103 Lafayette St., New York 13, N. Y. Brass dies and stamps for bookbinders and gold stampers.

Bemis Bros. Bag Co., 408 Pine St., P.O. Box 133, St. Louis 2, Mo. Aprons, bags, drop cloths, and binding twine.

Bendix Aviation Corp., Cincinnati Div., 3130 Wasson Rd., Cincinnati 8, O. Electronic viscometer for automatically controlling additional solvent added to ink reservoirs in gravure and flexographic printing and in lacquer coating.

Bensing Bros. and Deeney, Sub of Sun Chemical Corp., 3301 Hunting Park Ave., Philadelphia 29, Pa. Letterpress, offset, rotogravure and flexographic inks.

Berkley Machine Co., 819 E. 19th St., Kansas City 8, Mo. Presses, machinery dealers.

Berlin & Jones Co., 601 W. 26th St., New York 1, N. Y. Envelope, card counting and banding machines, envelope press.

Berry Machine Co., 716 N. First St., St. Louis 2, Mo. Round hole cutting machines, paper lifts attached to presses, pneumatic book presses; machinists, repairers.

Best, Edward H., & Co., P. O. Box 1752, 222 Purchase St., Boston 5, Mass. Printing press blankets.

Better Packages, Inc., Plant No. 2, 255 Canal St., Shelton, Conn. Labeling and sealing tape machines.

○Beveridge Paper Co., New Products Div., 705 W. Washington St., Indianapolis 4, Ind. Blotting, bristol and specialty paper stocks; makers of stereotype mats.

Bijur Lubricating Corp., 151 W. Passaic St., Rochelle Park, N. J. Automatic machine lubricating equipment and supplies.

Bingham Brothers Co., 406 Pearl St., New York 38, N. Y.; 521 Cherry St., Philadelphia 6, Pa.; 131 Colvin St., Baltimore 2, Md.; 980 Hudson St., Rochester 5, N. Y.; Brown St., & Lister Ave., Newark 5, N. J.; South Avenue, Garwood, N. J. Printing press rollers, glues, padding compounds, roller coating machine.

Bingham's, Sam'l, Son Mfg. Co., 636 S. Sherman St., Chicago 5, Ill. Plants at: Atlanta 3, Ga., 274 Trinity Ave., S.W.; Cleveland 14, O., 1432 Hamilton Ave.; Dallas 1, Tex., 1310 Patterson Ave.; Des Moines 2, Ia., 1025 W. Fifth St.; Detroit 10, Mich., 4391 Apple St.; Houston 6, Tex., 2702 W. Dallas Ave.; Indianapolis 25, Ind., 629 S. Alabama St.; Kalamazoo 12, Mich., 223 W. Ransome St.; Kansas City 6, Mo., 706 Baltimore Ave.; Minneapolis 15, Minn., 900 S. Third St.; Nashville 3, Tenn., 911 Berryhill St.; Oklahoma City 6, Okla., 1213 Linwood Blvd.; Pittsburgh 3, Pa., 88 S. 13th St.; St. Louis 2, Mo., 514 Clark Ave.; Springfield, O., East & Harrison Sts.; Milwaukee, Wis., 3148 N. 31st St.; St. Paul 1, Minn., 318 Minnesota St.; Tampa 5, Fla., 507-509 N. 22nd St. Printers rollers; fabric covered, rotogravure, offset, varnish lacquer and graining rollers; roller coating machine.

Binney and Smith Co., 380 Madison Ave., New York 17, N. Y. Carbon blacks, bone blacks and oxides of iron for ink manufacturing industry.

Bishop Stansell Co., P.O. Box 35, W. Carrollton, O. Systems for relieving electrotype and stereotype flat and curved plates and for solidifying electrotypes.

○Booth, E. A., Rubber Co., 2855 Scarborough Rd., Cleveland Heights 18, O. Cement for holding cuts on bases.

Bostitch, Incorporated, East Greenwich, R. I. Wire stitches, staples and stapling machines.

Bourges, Incorporated, 80 Fifth Ave., New York 11, N. Y. Color separation process and shading sheets for photoengravers and offset platemaking.

Bowers Printing Ink Co., 2655 W. Irving Park Rd., Chicago 18, Ill. Letterpress and offset printing inks, compounds, varnishes, driers.

Bowser, Incorporated, 1302 E. Creighton Ave., Ft. Wayne 2, Ind. News ink pumping system.

Boyd, H. S., Co., 6525 E. 24th St., P.O. Box 5014, Tulsa, Okla. Perforating rule and backing for offset and letterpresses.

Brackett Stripping Machine Co., The, 505 Jackson St., Topeka, Kan. Jogging, tipping, scoring, forming, gussetting and stripping machines.

Braden Sutphin Ink Co., The, 3650 E. 93rd St., Cleveland 5, O. Letterpress and offset inks, varnishes and driers.

Brandtjen & Kluge Inc., Gaultier at Como, St. Paul 3, Minn. Automatic platen presses and feeders, die cutting and embossing presses.

Braznell Company, 2227 Walnut St., St. Louis 3, Mo. Letterpress and offset inks.

Brett Guard Co., Flatbush Indus. Terminal Bldg., 3611 — 14th Ave., Brooklyn 18, N. Y. Plastic saw-trimmer guard.

Bridgeport Engravers Supply Co., Inc., 30 Grand St., Bridgeport 2, Conn. Photoengravers supplies, machinery, metals, chemicals and equipment. Branch offices: 287 Atlantic Ave., Boston, Mass.; 525 W. 33rd St., New York, N. Y.; 900 N. Franklin St., Chicago, Ill.; 1051 Power Ave., Cleveland, O.

Brintnall, H. W., Co., Div. Western Newspaper Union, 430 Howard St., San Francisco 5, Calif. Printing and bindery machinery and supplies.

Bristol Company, The, P.O. Box 1790, Waterbury 20, Conn. Temperature and humidity control and recording devices.

○Brooks & Perkins, Inc., Magplate Div., 1950 W. Fort St., Detroit 16, Mich. Photoengraving magnesium; magnesium backup plate; chrome plating and curving service.

Brown, L. L., Paper Co., Commerical St., Adams, Mass. Manufacturers of ledger, machine posting, index bristols, resistalls, bonds, linens, typewriter, envelope and manuscript cover papers.

Brown-Bridge Mills, Inc., E. Water St., Troy, O. Gummed papers.

Brown Folding Machine Co., 3767 Chester Ave., Cleveland 14, O. Folding machines.

Brown & Sharpe Mfg. Co., 230 Promenade St., Providence 1, R. I. Paper gauge micrometer and tools for the printing machinist.

Brown, W. A., Mfg. Co., 608 S. Dearborn St., Chicago 5, Ill. Offset and photoengraving platemaking equipment.

Bruning, Charles Co., Inc. Mt. Prospect, Ill. Equipment for proofing phototypeset and photocomposed matter.

○Buhler Brothers, Inc., 130 Coolidge Ave., Englewood, N. J. Flat bed rotary printing press for newspapers; machinery dealer.

Bump Pump Co., 1830 West Ave., S., La Crosse, Wis. Pumps for ink and other fluids.

Bunn, B. H., Co., 7605 Vincennes Ave., Chicago 20, Ill. Tying and bundling equipment.

○Burgess Cellulose Co., Foot of Exchange St., Freeport, Ill. Stereotype dry mats, stereotype equipment and supplies.

Burrage Glue Co., 15 Vandewater St., New York 38, N. Y. Padding and bookbinding glue.

Busch, J. C., Co., 17 W. 54th St., New York 19, N. Y. Paper stack inverter.

ByChrome Company, Inc., P.O. Box 1077, Columbus 16, O. Step and repeat machine; screen tints.

C

Cady, E. J., & Co., 630 N. Harlem Ave., River Forest, Ill. Paper testing instruments, basis weight scales.

California Ink Co., Inc., 545 Sansome St., San Francisco 11, Calif. Printing inks; offset, photoengraving and stereotype equipment; chemicals and supplies; rollers, blankets, mats; cameras, plates and film.

Callaway Mills, 295 Fifth Ave., New York 16, N. Y. Wiping cloths.

○Cambridge Instrument Co., Inc., 3546 Grand Central Terminal, New York 17, N. Y. Gauges and testing instruments.

Cameron Machine Co., Dover, N. J. Photoelectric side register control for web presses, slitters and other roll processing machines.

Canada Printing Ink Co., Ltd., Brockhouse Rd., Box 265—Postal Station N, Toronto 14, Can. Letterpress, offset and flexographic inks.

Cantine, Martin, Co., Saugerties, N. Y. Coated and specialty papers; coated paper inks; mechanical chalk overlay system.

○Capital Tool & Mfg. Co., 5000 Calvert Rd., College Park, Md. Portable color ink fountains for newspaper printing presses; rewinding equipment; core strippers.

Capitol Printing Ink Co., Inc., 806 Channing Pl., N. E., Washington 18, D. C. Letterpress and offset inks.

Caprock Developments, 165 Broadway, New York 6, N. Y. Contact screens for lithographers, engravers, silk screen work.

Carlson Company, The, 15 Hathaway St., Boston 10, Mass. Sheet registering device for Miehle Vertical.

○Carlson, Chesley F., Co., Ben Franklin Bldg., 419 S. Third St., Minneapolis 15, Minn. Stereotype chase, plate finishing machine, classified advertising rack; photocomposing machine, vinyl mask material.

Carlson, John P., Inc., 420 Carroll St., Brooklyn 15, N. Y. Letterpress, offset and water color inks.

Carmichael Blanket Co., 1151 Oxford Rd., N.E., Atlanta 6, Ga. Blankets for printing presses.

Carrier Corporation, 300 S. Geddes St., Syracuse 1, N. Y. Air conditioning apparatus.

Casey's, Roger, Newspaper Service Co., 425 S. 5th St., Minneapolis 15, Minn. Special matrices for casting machines, Linotype machinists tools.

Caxton Printers Supply Co., 410 Caxton Bldg., 812 Huron Rd., Cleveland 15, O. Machinery dealers; supplies, appraisals, counseling, plant layout.

○Central Compounding Co., 1718 N. Damen Ave., Chicago 47, Ill. Conditioner for letterpress and offset inks.

○Central Newspaper Installations, Inc., 575 Washington St., New York 14, N. Y. Machinery movers and installers.

Central Trade Plant of Grand Rapids, 15 Lyon St., Grand Rapids 2, Mich. ATF foundry type, machinery dealer.

Central Typesetting Co., 1016 Cherry St., Philadelphia 7, Pa. Solution for preventing metal adhesions on linecasting molds.

○Certified Dry Mat Corp., 555 Fifth Ave., New York 17, N. Y. Syndicate and newspaper dry mats for cold molding; mats for hot molding; stereotype equipment and supplies.

○Challenge Machinery Co., The, First St., Grand Haven, Mich. Proof and printing presses, paper cutters, paper drillers and punches, knives, cabinets, iron furniture, etc.

Chalmers Chemical Co., 123 Chestnut St., Newark 5, N. J. Type wash.

Champion Manufacturing Co., 800 N. Brevard St., Charlotte 6, N. C. Padding press and adhesives.

Champion Paper & Fibre Co., The, 601 North B. St., Hamilton, O. Coated paper, bond, bristol cover, offset, postcard, envelope, tag, mimeograph and specialty papers.

○Champlain Company, Inc., 88 Llewellyn Ave., Bloomfield, N. J. Roll fed letterpress, flexographic and gravure printing presses; slitters and rewinders; embossing presses; tabulating card presses.

○Chandler & Price Co., The, 6000 Carnegie Ave., Cleveland 3, O. Printing presses and paper cutters.

Chandler Sales & Service Co., 245 Seventh Ave., New York 1, N. Y. Tag stringing and tying machines.

Chapman Knives & Saws, Inc., 4040 Clayton, St. Louis, 10, Mo. Metal and paper cutting equipment and supplies; machinery dealers.

○Chemco Photoproducts Co., Inc., Charles St., Glen Cove, N. Y. Cameras and photoengraving equipment and supplies.

Chemical Paper Mfg. Co., Jackson St., Holyoke, Mass. Bristols, book, bond, cover, coated board, manifold, and specialty papers.

○Cheshire, Inc., 1644 N. Honore St., Chicago 22, Ill. Automatic and hand fed mailing machines operating from roll strip labels for magazines, newspapers, folders and cards; tip-on and counter stacker machines, labeling adhesive.

Chicago Box Machine Works, 1810 W. Grand Ave., Chicago 22, Ill. Box and carton equipment and supplies; machinery dealers.

Chicago Linotype Maintenance Co., 549 W. Randolph St., Chicago 6, Ill. Repairers of Linotypes and Intertypes.

Chicago Machinery Laboratory, Inc., 6200 W. 60th St., Chicago 38, Ill. Book sewing machines; machinery dealers, mailing machines, trimmers, folders, labeling machine.

Chicago Steel & Wire Co., 10257 Torrence Ave., Chicago 17, Ill. Bookbinding and boxmaking wire.

Clark Equipment Co., Industrial Truck Div., 24th St., Battle Creek 151, Mich. Newsprint roll and materials handling equipment.

Cleveland Printing Ink Co., Inc., 1260 W. Fourth St., Cleveland 13, O. Letterpress and offset inks.

Climax Manufacturing Co., 1025 E. Chestnut St., Santa Ana, Calif. Machine for drilling, slitting, slotting and round cornering.

Cline Electric Mfg. Co., 3405 W. 47th St., Chicago 32, Ill. Printing press reel and web tension equipment; printing press motors and controls; conveyors for magazines and newspapers, industrial track equipment; paper trucks; color register control.

Cling-Surface Co., 1032-48 Niagara St., Buffalo 13, N. Y. Belt dressing.

Clipper Belt Lacer Co., 974 Front Ave., N. W., Grand Rapids 2, Mich. Lacing equipment for belts and tapes of all kinds, including printing press tapes.

Coes Knife Co., 72 Coes St., Worcester 3, Mass. Knives.

Collamatic Corporation, State Hwy. No. 23, Wayne, N. J. Gathering and collating equipment.

Color Engravers Div., Publication Corp., 1224 W. Van Buren St., Chicago 7, Ill. Gravure platemakers to the trade.

Colora Printing Inks, Inc., 42-12 35th. Ave., Long Island City, N. Y. Flexographic ink and thermoplastic sealing medium.

Colo.graph Process Co., 241 E. Illinois St., Chicago 11, Ill. Method of producing prints in multicolor from a single black or color halftone or line etching.

Columbia Wiping Cloth Co., 1720 Wabash Ave., Kansas City 1, Mo. Wiping cloths.

Colwell Litho Products, Inc., 316 Chicago Ave., **Minneapolis 15, Minn. Vacuum printing frames** and stripping and opaquing table for offset platemaking.

Commercial Controls Corp., Sub. Friden Calculating Machine Co., Inc., 1 Leighton Ave., Rochester 2, N Y. Automatic justifying typewriters; mailing equipment.

Compactor Manufacturing Co., 1610 W. Springfield Ave., Champaign, Ill. Winders for Teletypesetter tape.

○**Consolidated Intl. Equipment & Supply Co., 1030 W. Chicago Ave., Chicago 22, Ill. Machinery dealers; offset presses and cylinder letterpresses; paper cutters; cameras, equipment and supplies for all photomechanical processes.**

Consolidated Water Power & Paper Co., Box 50, Wisconsin Rapids, Wis. Machine coated book, manifold, tissue, offset, rotogravure, cover and specialty papers.

Continental Printing Equipment Co., 1402 N. Western Ave., Chicago 22, Ill. Static tinsel with copper wire center for eliminating static on printing presses; machinery dealer.

Cook's Adam, Sons, Inc., 5 N. Stiles St., Linden, N. J. Lubricants.

Coolant Equipment Corp., Verona Ave., Verona, Wis. Ink drum carrier with pump for filling press fountain and for transporting drums of ink and other liquids.

Cooper, Peter, Corporations, Palmer St., Gowanda, N. Y. Bookbinding and paper box adhesives; specialty adhesives; dry and liquid animal glues.

○Corkpak Company, Inc., The, 70 Argyle Ave., New Rochelle, N. Y. Press and stereotype blankets, drawsheets, cutting knives and cutting rubbers; galleys and locks; static eliminators; offset flannels; magnifying and reducing glasses; belts, rubberized tape; numbering machines; composition rollers.

Cosom Engineering Corp., 6012 Wayzata Blvd., Minneapolis 16, Minn. Press for printing odd shaped objects with letterpress or flexographic inks.

Cottrell Company, The, Sub. of Harris-Intertype Corp., 86 Mechanic St., Westerly, R. I. Web and sheet fed rotary magazine presses; gravure and web fed offset presses; electrotype platemaking equipment; box, carton and bagmaking equipment and supplies.

Counter and Control Corp., 4503 W. Brown Deer Rd., Milwaukee, Wis. Tab or ticket inserter for printing presses and other printing equipment having horizontal pile delivery.

Cowan Pressroom Products, Inc., 1651 Cosmo, Hollywood 28, Calif. Perforating, scoring and slitting attachments for cylinder presses; ink roller truck.

Coyne & Paddock, Inc., 40-09—21st St., Long Island City 1, N. Y. Cork and rubber blankets.

Crabtree, R. W., & Sons (Canada) Ltd., 7 Adelaide St. W., Toronto 1, Ontario, Can. Newspaper, offset and rotogravure printing presses; stereotype and electrotype platemaking equipment.

Craftint Manufacturing Co., The, 1615 Collamer Ave., Cleveland 10, O. Shading medium for photomechanical reproduction.

Craftsman Line-Up Table Corp., 49 River St., Waltham 54, Mass. Lineup and register tables and stripping tables.

Craftsmen Machinery Co., 75 W. Dedham St., Boston 18, Mass. **Printing and embossing presses, paper cutters; machinery dealers and repairers.**

Craig Corporation, 143 W. 20th St., New York 11, N. Y., Dry spray offset preventing device.

Cramer, G., Dry Plate & Film Co., 1835 Shenandoah Ave., St. Louis 4, Mo. Plates, films, supplies for gravure, offset, photoengraving and all other photomechanical processes.

Cramer Controls Corp., 100 Saybrook Rd., Centerbrook, Conn. Electrical timers.

Crawford, E. A., Co., P. O. Box 2216, Edgewood Sta., Providence 5, R. I. Consulting, research and machine design service.

Crawley Book Machinery Co., 328 Keturah St., Newport, Ky. Rounding, backing machines and **board beveling machines for** bookbinders; paper cutters.

Crescent Ink & Color Co. of Pa., Inc., 464 N. Fifth St., Philadelphia 23, Pa. Letterpress, offset, metal decorating, flexographic inks, varnishes and driers.

Crocker, Burbank Papers, Inc., 545 Westminster St., Fitchburg, Mass. Book, coated, offset, rotogravure and specialty papers.

Crocker - McElwain Co., Div. Chemical Paper Mfg. Corp., Holyoke, Mass. Bonds, covers, drawings, folding boxboard, ledgers, offset, onion skins and writings.

Cromwell Paper Co., The, 4801 S. Whipple St., Chicago 32, Ill.; 1000 Nottingham Way, Trenton, N. J. Tympan and layout paper.

Cronite Company, Inc., 8070 Hudson Blvd., North Bergen, N. J. Steel die stamping presses.

Crown Engineering and Sales Co., 421 Hill St., Harrison, N. J. Color comparator for color matching

Cummington Corporation, 718 Beacon St., Boston 15, Mass. Multiple station gathering machines; postal scales.

Curlesaw, Incorporated, 1725 Maple St., Los Angeles 15, Calif. Slug corrector for attachment to linecomposing machines; parts and factory rebuilding service.

Curtis Laboratories, Inc., 2718 Griffith Park Blvd., Los Angeles 27, Calif. Color analyst for analyzing color in paper separation prints.

Curtis Paper Co., Newark, Del. Text, cover, rag book, greeting card stock and specialty papers.

Cutler-Hammer, Inc., 315 N. 12th St., Milwaukee 1, Wis. Electric switch and control systems for printing machinery; newspaper conveyors.

D

Daily, Bert L., Inc., 126 E. Third St., Dayton 2, O. Silk screen supplies.

Damon & Peets, Inc., 56 Beekman St., New York 38, N. Y. Machinery dealers.

○Davidson Corporation, Sub. of Mergenthaler Linotype Co., 29 **Ryerson St., Brooklyn 5, N. Y. Offset and/or relief printing presses; offset platemaking supplies; folding machines.**

Davidson Perforator Co., P.O. Box 191, East Berlin, Conn. Perforator, slitter, scorer and snap-out attachments for presses, collating machines, special packaging machines, saddle stitching machines, pad counters, slitting and rewinding equipment, perforating machines.

Davis, W. F., Consultants, P.O. Box 179, Hightstown, N. J. Management planning, surveys, equipment valuations, plant planning, special and printing equipment engineering for publication, packaging, business forms, and converting industries.

Dawson Corporation, The, P.O. Box 52, Pelham, New York. Equipment for plating copper and steel dies.

Day, The J. H., Co., Div. of Cleveland Automatic Machine Co., 4932 Beech St., Cincinnati 12, O. Ink mills and mixers.

Dayton Envelope Co., Div. Howard Paper Mills, Inc., 115 Columbia St., Dayton 7, O. Envelopes.

○Dayton Rubber Co., The, Dayco Div., 2342 W. Riverview Ave., Dayton 1, O. Rollers for offset, letterpress, newspaper, corrugated boxboard, gravure, flexography, and graining; offset blankets, color separators and fountain dividers.

deFlorez Co., Inc., The, 116 E. 30th St., New York 16, N. Y. Development and designing engineers for Graphic Arts industry.

Dennison Manufacturing Co., 300 Howard St., Framingham, Mass., Gummed and metallic coated papers; tags and decal papers.

Dependable Compressor & Machine Co., 157 W. 21st St., New York 11, N. Y. Screen process press.

○Deskfinder Company, The, P.O. Box 337, Costa Mesa 1, Calif. Press for imprinting Christmas cards, diplomas, calendars and specialties.

Deublin Company, 1155 Waukegan Rd., Glenview, Ill. Rotating water joints for webfed presses.

○Dexter Company, The, Div. Miehle-Goss-Dexter Inc., Pearl River, N. Y. Folding machines, sheet feeders, inserting machines, bundling presses and trimmers and stitching machines.

Diamant Typographic Service, Inc. 140 W. 17th St., New York 11, N. Y. Hand inking device for platen and proof presses.

Diamond Printing Machinery Co., 3067 E. 61st St., Cleveland 27, O. Machinery dealers.

Dick Mailer Co. The, 137 W. Tupper St., Buffalo 1, N. Y. Mailing machines.

○Dickerson, Robert W., Architect, **2063 E. Fourth St., Cleveland 15, O. Newspaper and printing plant engineering and architectural service.**

○Didde-Glaser, Inc., Hi-Way 50 & West 12th Ave., Emporia, Kan. Automatic machine for gathering and gluing multiple sets of business forms and for use as a straight collator.

Dietz Machine Works, 126 W. Fontain St., Philadelphia 22, Pa. Flexographic printing press for attaching to converting machines; rotary paper cutters; slitters and rewinders; folding machines; embossing machines; gluing and pasting equipment.

Dilts Division, Black-Clawson Co., 46 N. First St., Fulton, N. Y. Kohler System equipment consisting of pasters, winders, reels; offset and flexographic presses; fountains.

Di-Noc Chemical Arts, Inc., 1700 London Rd., Cleveland 12, O. Non-shrinking photographic film.

○Dirats Photo Plate Co., Inc., **181 Notre Dame St., Westfield, Mass. Presensitized photoengraving plate; powderless etching machine.**

Direct-Image Offset Corp., 1740 Ridge Ave., Evanston, Ill. Direct image offset plates.

Disston Division, H. K. Porter Co., Inc., Unruh and Milnor Sts., Philadelphia 35, Pa. Paper cutter knives.

Diversey Corp., The, 1820 Roscoe, Chicago 13, Ill. Type washes.

Dixie Type & Supply Co., Inc., 930 N. Sixth Ave., Birmingham 1, Ala. Stevenson furniture and rule molds; machinery dealers.

Dixon, Joseph, Crucible Co., 167 Wayne St., Jersey City, 3, N. J. Graphite and graphite products.

Dixon, Loyal S., Co., 11164 Saticoy St., Sun Valley, Calif. Newspaper press erectors; machinery dealers.

DoAll Company, The, 254 N. Laurel Ave., Des Plaines, Ill. Band saws for binderies, electrotypers, photoengravers and stereotypers.

Dollahite, K. J., Co., 106 W. 15th St., Ft. Worth 2, Tex. Portable padding rack, stripping machine, proof presses, paper cutter angle gauge.

Dom, G. C., Supply Co., 424 Commercial Sq., Cincinnati 2, O. Supplies for engravers, electrotypers, lithographers and stereotypers.

Douthitt Corporation, The, 680 E. Fort St., Detroit 26, Mich. Gravure, offset, photoengraving, stereotype, pressroom, silk screen equipment and supplies.

Doven Division, Appleton Machine Co., 618 S. Oneida St., Box 468, Appleton, Wis. Printing press **conversions for hot spot carbonizing;** slitting machines, magnesium for mounting plates.

Dow Chemical Co., Midland, Mich. Thermoplastic coatings; process for etching magnesium photoengravings.

○**Doyle, The J. E., Co., 1220 W. Sixth St., Cleveland 13, O. Infra-red driers, vacuum paper cleaners, static eliminating spray, Johnson gas burner, Doyle-Allen ink distributor, composition transfer table for Miehle Vertical press.**

Driscoll, Martin, & Co., 610 S. Federal St., Chicago 5, Ill. Inks for letterpress, offset, gravure, flexography, metal decorating and silk screen; varnishes; driers; offset chemicals.

Dri-Stain Products Co., 3421 Colfax Ave. A, Denver 6, Colo. Process for making linecomposing machine matrix reference characters easily readable.

Dryer Electric Corp., 111 Bedford **Ave., Brooklyn 11, N. Y. Letterpress and offset web press ink drying equipment.**

Du Pont, E. I., de Nemours & Co., Inc., Corner Tenth and Market Sts., Wilmington 98, Del. Impregnated bookbinding cloth, type, blanket and roller solutions, lacquers, varnishes and enamels; photomechanical films.

Durant Manufacturing Co., 1988 N. Buffum St., Milwaukee 1, Wis. Press and folder counters, photo-electric control units.

Durbrow & Hearne, Inc., 12 Wooster St., New York 13, N. Y. Bookbinding and stereotyping machinery and supplies.

Durol Ink Co., P.O. Box 335, New Paltz, N. Y. Engravers' staging ink.

Duryea Products Co., Inc., 165 Rockland Ave., Woonsocket, R. I. Type washes, woven belts and belt dressing.

○**Dutro, Orville, & Son, Inc., 117** W. Ninth St., Los Angeles 15, Calif. Rotogravure and letterpress specialty presses; diecutting presses; designers of printing machinery.

E

Eastern Graphic Arts Supply Co., Inc., 509 W. 56th St., New York 19, N. Y. Photoengraving, offset and gravure platemaking supplies; machinery dealers.

Eastern Lithoplate, Inc., P.O. Box 1232, Joliet, Ill. Presensitized plates for offset printing.

○**Eastern Newspaper Supply, Inc.**, 9603 Northern Blvd., Corona, 68, N. Y. Stereotype, composing room and pressroom equipment and supplies.

Eastman Kodak Co., 343 State St., Rochester 4, N. Y. Photoengraving, offset and gravure equipment and supplies.

Economy Baler Co., 1254 N. Main St., Ann Arbor, Mich. Waste paper balers.

Economy Engineering Co., 4511 **W. Lake St., Chicago 24, Ill. Paper handling trucks.**

Economy Novelty & Printing Co., 244 W. 39th St., New York 18, N. Y. Printers aprons, line gauges, steel tapes.

Economy Printers Products Co., 609 S. LaSalle St., Chicago 5, Ill. Machinery dealers; copper tinsel for eliminating static.

Econo Products, Inc., 132 Humboldt St., Rochester 10, N. Y. Molded rubber printing plates and process materials.

Ecusta Paper Div., Olin Mathieson Chemical Corp., Pisgah Forest, N. C. Bond, specialty, Bible, makeready and tissue papers.

Edes Manufacturing Co., Water St., Plymouth, Mass. Photoengravers' zinc, brass, magnesium and copper plates.

Einnehmer & Taylor, Inc., 228 E. 45th St., New York 17, N. Y. Machinery dealers.

Elco Typographic Service, 161 Dueber Ave., S. W., Canton 6, O. Copyfitting gauge.

Electric Eye Equipment Co., 1938 **E. Fairchild St., Danville, Ill. Rotary press electronic color register control;** platemaking timing devices; press drives.

Electric Heating Co., 8616 Madison Ave., South Gate, Calif. Metal pots, remelting furnaces, metal trucks, feeders, metal temperature controls.

Electro-Coatings, Inc., 9530 Ainslie, Schiller Park, Ill. Plating of all kinds for printing plates and machinery parts.

Electro-Copyst, Inc., 205 E. 42nd St., New York 17, N. Y. All-electric hydraulic rubber and plastic plate molding machine.

Electronic Mechanical Products Co., 929 Atlantic Ave., Atlantic City, N. J. Light integrator for cameras, photocomposing machines, printing frames, camera and enlarger shutters.

Electronic Products Div., Post Machinery Co., 150 Elliott St., Beverly, Mass. Totalizing and present electronic high speed counters for any counting purpose.

Elwell-Parker Electric Co., 4547 **St. Clair Ave., Cleveland 3, O. Paper handling trucks.**

Embosograf Corp. of America, 38 W. 21st St., New York 10, N. Y. Raised letter printing machines and supplies.

○Embossograph Process Co., Inc., 3720—14th Ave., Brooklyn 18, N. Y. Embossing presses, heaters, compounds and inks for producing raised letter printing.

Empco Manufacturing Co., 929 Atlantic Ave., Atlantic City, **N. J. Proportioning rule for calculating enlargement or reduction of type and photographic copy.**

Empire Type Foundry, 55 N. Main **St., Delevan, N. Y. Foundry type and borders; electrotyping** equipment and supplies, special news black ink.

Equipto, 401 S. Highland, Aurora, Ill. Steel storage racks, cabinets and stands, trucks, tables, lockers.

Esleeck Manufacturing Co., Canal St., Turners Falls, Mass. Manifold paper, onion skin.

Esrever Distributors, 1037 W. 22nd St., Los Angeles 7, Calif. Reproduction proof drier cabinet with infra-red lamp and inks.

Evans Specialty Co., Inc., 2401 Venable St., Richmond 23, Va. Gathering racks and tables.

Ever Ready Machinists, Inc., 137 W. 19th St., New York 11, N. Y. Hand lever cutter, steel chases; machinery dealers.

Ewald L., Co., 14359 Bessemer St., Van Nuys, Calif. **Linecomposing machine plunger cleaner and pot crucible well brush.**

F

Fairbanks Company, The, 393 Lafayette St., New York 3, N. Y. Composing room and paper handling trucks.

○Fairchild Graphic Equipment, Inc., Div. Fairchild Camera & Instrument Corp., Fairchild Dr., Plainview, L. I., N. Y. Electronic direct photoengraving machine; teletypesetter keyboard operating units and tape perforators for linecomposing machines; color separation machine. Teletypesetter Div., 2752 N. Clybourn Ave., Chicago 14, Ill.

Falco Corporation, 29-05—120th St., Flushing 54, N. Y. Rebuilt printing equipment.

Fasson Products, 250 Chester St., Painesville, O. Pressure sensitive paper.

Fastener Corporation, C. B. Nelson Co. Div., 3702 River Rd., Franklin Park, Ill. Saws, machinery repairs, special machinery; staples and stapling machines.

Fate-Root-Heath Co., Grinder Div., 234 High St., Plymouth, O. Knife grinders.

Federal Adhesives Corp., Sub. Morningstar-Paisley, Inc., 210 **Wythe Ave., Brooklyn 11, N. Y.** Bindery glues and paste.

Federated Metals Div., American Smelting and Refining Co., 120 Broadway, New York 5, N. Y. Type, electrotype and stereotype metal and fluxes and supplies. Branches in 26 principal cities across the country.

Felters Company, The, 210 South St., Boston 11, Mass. Vibration eliminating material.

Fenwal, Incorporated, Pleasant St., Ashland, Mass. Thermostatic heat control switches for linecomposing machines and stereotype metal pots.

Fergusson, Alex. C., Co., 44 E. **Oregon Ave., Philadelphia 48, Pa. Composition and dampener** roller wash and blanket cleaner, chemicals, solutions.

Filmotype Corporation, 7500 McCormick Blvd., Skokie, Ill. Letter-by-letter photographic type composing machine and alphabets.

Fisher Scientific Co., 717 Forbes St., Pittsburgh 19, Pa. Wax-like pencils for indicating temperatures.

○**Fisk Industries, 130 W. 46th St.,** New York 36, N. Y. **Linecomposing machine tools.**

○Flint Ink Corp., 2546 Clark Ave., Detroit 9, Mich. Letterpress, offset and gravure printing ink. Branches: Jefferson Davis Pkwy. & I. C. R. R., New Orleans 19, La.; 2600 W. 8th Ave., Denver 5, Colo.; 2001 Calumet Ave., Chicago 16, Ill.; 1150 W. Third St., Cleveland, O.; 1000 E. Vermont St., Indianapolis 2, Ind.; 663 Greenwood Ave., N. E., Atlanta 6, Ga.; 1010 Lockwood Dr., Houston, Tex.; 6100 Avalon Blvd., Los Angeles, Calif.; 831 N. Lewis Pl., Tulsa, Okla.

Florence Pipe Foundry and Machine Co., Front St., Florence, N. J. Bodies for printing press plate, gravure, ink feed, fountain and impression cylinders.

Forbes Ink, Inc., 2249 Elm St., N.W., Cleveland 13, O. Inks and ink specialties.

○**Force, Wm. A., & Co., Inc., 216 Nichols Ave., Brooklyn 8, N. Y. Typographic and press numbering** machines.

Foster Manufacturing Co., 13th and Cherry Sts., Philadelphia 7, Pa. Galleys and galley cabinets; offset negative and plate cabinets, galley transfer trucks,

Linotype and Intertype magazine racks, makeup tables, lineup and stripping tables.

Foto-Graphic Products Co., 5560 W. Broadway, Minneapolis 27, Minn. Reproduction letters; machinery dealer.

Foto-Riter Company, 63 S. 13th St., Minneapolis 3, Minn. Photolettering machine.

Fototype, Incorporated, 1414 W. **Roscoe St., Chicago 13, Ill. Alphabetical letters printed on** cardboard for offset, letterpress, and silkscreen reproduction.

Fox River Paper Corp., 401 S. Appleton St., Appleton, Wis. Bond, ledger and onion skin papers.

Franklin Manufacturing Corp., 692 Pleasant St., Norwood, Mass. Special alloy type for stamping leather, pencils, etc., automatic roll feed gold stamping embossing machine, gold leaf and colored foil.

Franklin Printers Supply Co., 608 Cherry St., Philadelphia 6, Pa. Machinery dealers.

Fraser Paper, Ltd., 420 Lexington Ave., New York 17, N. Y. Bond, ledger, mimeograph, duplicator, offset, manifold, and safety paper; paper specialties.

Freedman, Olin E., 156 E. Erie St., Chicago 11, Ill. Consultant to management in the Graphic Arts and allied industries.

Frostad Engineering Co., 3037 S. Wentworth Ave., Milwaukee 7, Wis. Flexographic specialty printing presses for printing tapes, Cellophane, wraps and tickets.

Fuller, E. C., Co., 28 Reade St., New York 7, N. Y. Bookbinding machinery; repairs and rebuilds bindery machinery.

G

Gaebel, Arthur H., Inc., P. O. Box 3, Larchmont, N. Y. Printers' line gauges, proportion scales, engravers' depth gauge, engravers' depth loupe and optical depthmeter.

Gaetjens, Berger & Wirth, Inc., 35 York St., Brooklyn 1, N. Y. Letterpress, offset, metal decorating, embossing and copperplate inks and supplies.

Gane Bros. & Lane, Inc., 1335 W. Lake St., Chicago 7, Ill. Bookbinders equipment and supplies.

Gardner Adjustable Quad Guide Co., 389 Northumberland Ave., Redwood City, Calif. Printing press gauge pins and paper cutter hold down clamps.

Gardner Laboratory, Inc., P.O. Box 5728, Bethesda 14, Md. Instruments for testing thickness of ink on press rollers and paper.

Garland Manufacturing Co., 46 Water St., Saco, Me. Rawhide mallets and hammers.

○Gay-Lee Co., 71 W. Fourteen Mile Rd., Clawson, Mich. Carbide tipped saws and routing bits.

○**Gegenheimer, William, Co., Inc., 80 Roebling St., Brooklyn 11, N. Y. Baldwin rotary letterpress and offset sheet or web fed ink roller washers; press** ink agitators and vibrating rollers; Baldwin water levels and **water stops for offset presses.**

Gelb, Joseph, Co., 52 Arlington St., Newark 2, N. J. Gravure, offset and photoengraving lamps, contact masking color separation reproducer, lineup tables.

General Binding Corp., 1101 Skokie Hwy., Northbrook, Ill. Process binding.

○General Electric Co., Apparatus Sales Div., One River Rd., Schenectady 5, N. Y. Printing machinery motors, controls, heating units, metal melting systems, timers, transformers, register control systems and fluorescent lighting equipment.

General Gravure Service Co., 1413 Chestnut Ave., Hillside, N. J. Multicolor gravure printing and coating cylinders, rotary die cutting cylinders, register embossing cylinders.

○General Plate Makers Supply Co., **5441 N. Kedzie Ave., Chicago 25. Ill. Gravure, offset and** photoengraving equipment and supplies.

General Printing Ink Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Letterpress, offset and gravure printing inks; driers, varnishes and compounds. Branch Offices: San Francisco 3, 1425 Folsom St.; Los Angeles 21, 2458 Hunter St.; Chicago 12, 2820 W. Grand Ave.; Chicago 38, 6556 S. Melvina Ave.; Norwood, Mass., 601 Pleasant St.; Cambridge, Mass., 87 Binney St.; Detroit 4, 8747 Brandt Ave.; Kalamazoo 13F, Mich., 1087 N. Pitcher St.; St. Paul 4, Minn., 771 Raymond Ave.; St. Louis 3, 1514 Pine St.; Cincinnati 2, Third and Walnut Sts.; Cleveland 13, 310 Lakeside Ave., N. W.; Philadelphia 6, 29 N. Sixth St.; Fort Worth 7, Tex., 2506 Tillar St.; Seattle 1, Wash., 3131 Western Ave.; Milwaukee 2, Wis., 340 N. Milwaukee St.; Toronto 8, Ont., Canada, 821 Queen St., E.; Montreal 18, Que., Canada, 280 Lagauchetiere St., E.

General Radio Co., 275 Massachusetts Ave., Cambridge 39, Mass. Stroboscopes and sound level meters.

General Research & Supply Co., 572 S. Division Ave., Grand Rapids 3, Mich. Screen process printing press and drier; silk screen supplies.

General Roll Leaf Mfg. Co., 85-03 —57th Ave., Elmhurst 73, N. Y. Roll leaf for hot stamping and embossing.

General Rubber Corp., Summitt and Atwood Sts., Tenafly, N. J. Press and delivery tapes, transmission and conveyor flat and V-belts.

General Scientific Corp., 5151 W. 65th St., Chicago, Ill. Lenses for copying cameras.

Gerrard, A. J., & Co., 1950 Hawthorne Ave., Melrose Park, Ill. Metal and fiber strapping, tools and accessories.

Gerrard Steel Strapping Dept., U. S. Steel Supply Div., U. S. Steel Corp., 4723 Richmond St., Chicago, Ill. Newspaper bundling and tying machines.

Gerson, Louis M., Co., 73 Deering Road, Mattapan 26, Mass. Silk screen paint (ink) strainers.

Gevaert Co. of America, Inc., The, 321 W. 54th St., New York 19, N. Y. Graphic Arts film.

Gibson-Morrow Specialties, 6333 S. Ashland Ave., Chicago 36, Ill. Padding press.

○**Gifford-Wood Co., One Hudson** Ave., Hudson, N. Y. Materials handling equipment.

Gilbert Paper Co., 330 Ahnaip St., Menasha, Wis. Bond, cover, ledger, safety and writing papers, bristols.

Gitzendanner-Muller Co., 15 Vandewater St., New York 38, N. Y. Stitching machines and wire.

Glyco Products Co., Inc., 350 Fifth Ave., New York 1, N. Y. Wax for reproduction proofs.

Godfrey Roller Co., 211 N. Camac St., Philadelphia 7, Pa. Composition and rubber rollers, padding compound and rubber roller grinding for the trade, blanket solutions, molleton, makeready paste, typewash.

Goerz, C. P., American Optical Co., 461 Doughty Blvd., Inwood 96, N. Y. Camera lenses and shutters.

Gold Leaf and Metallic Powders, Inc., 145 Nassau St., New York 38, N. Y. Bronze and aluminum powders, gold leaf, bronzing machines.

Goodrich, B. F., Chemical Co., Div. of The B. F. Goodrich Co., 3135 Euclid Ave., Cleveland 15, O. Rubber and plastic compounds for making printing plates, cylinder and tympan packing.

Goodrich, B. F., Industrial Products Co., 500 S. Main St., Akron 18, O. Rubber rollers, blankets, air tubing, belts, insulators, vulcanizers for rubber platemaking.

Goodyear Tire & Rubber Co., 545 Orchard St., New Bedford, Mass. Rubber offset, gravure and letterpress rollers, blankets, cutting rubbers, and felt blankets, engravers' gum, bag printing gum, unvulcanized gum, squeegee rollers.

Goss Company, The, Div. of Miehle-Goss-Dexter, Inc., 5601 W. 31st St., Chicago 50, Ill. Newspaper, magazines and rotogravure presses and stereotype platemaking equipment. Branches: 220 East 42nd St., New York 17, N. Y., 74 New Montgomery St., San Francisco 5, Calif.

Gotham Ink & Color Co., 5-19—47th Ave., Long Island City 1, N. Y. Gravure and flexographic inks.

Graeber Stringing and Wiring Machine Co., Div. New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J. Machine for stringing booklets, shipping and merchandise tags; patching and eyeletting equipment.

Graham Transmissions, Inc., Menomonee Falls, Wis. Variable speed transmissions for controlling press speeds.

Grammes, L. F., & Sons, 346 Union St., Allentown, Pa. Gluing and tin edging machines.

Graphic Arts Corp. of Ohio, 110 Ottawa St., Toledo 10, O. Offset printing plates, rotogravure cylinders, advertising art and commercial photography.

Graphic Arts Employment Service, 307 E. Fourth St., Cincinnati 2, O. Placement of executive, supervisory, sales and technical personnel.

Graphic Arts Equipment Co., 117 W. Harrison St., Chicago 5, Ill. Machinery dealer.

Graphic Arts Industry, Inc., 1104 Currie Ave., Minneapolis 3, Minn. Management consultants and printing plant engineering.

Graphic Arts Research Foundation, 112 W. Kinzie St., Chicago 10, Ill. Revetch and Beda proofing processes; reproportioning camera.

Graphic Chemical & Ink Co., 714 N. Ardmore Ave., Villa Park, Ill. Letterpress, lithographic and die stamping inks and supplies.

Graphic Machinery Exchange, Inc., 30 W. 24th St., New York 10, N. Y. Rebuilt equipment.

Graphic Photo Engraving Co., Inc., 207 W. 25th St., New York 1, N. Y. Halftone screens.

Grauert, Ralph W., 100 Gold St., New York 38, N. Y. Gold, aluminum and colored leaf.

Gravure Engraving Corp., 709 Main St., Holyoke, Mass. Engravers of gravure printing rolls and plates; copper and chrome plating.

Gravure Process Co., 4179 W. Belmont Ave., Chicago 41, Ill. Gravure platemaking for the trade.

Graymills Corporation, 3705 N. Lincoln Ave., Chicago 13, Ill. Ink pumps for flexographic and rotogravure presses; viscometers.

Green's Paste Works, 200 Liverpool Rd., P.O. Box 7, Salina Sta., Syracuse 8, N. Y. Padding compound and specialty glues.

Greene, C. R., Printing Co., 115 N. 4th St., Tipp City 1, O. Striplike material for locking in forms between type matter and chase to prevent workups.

Greer, Robert Royden, 5201 Wilshire Blvd., Los Angeles 36, Calif. Printing engineer and appraisals, auctioneer.

Griffin, Campbell, Hayes, Walsh, Inc., 50 E. 21st St., New York 10, N. Y. Hot stamping press.

Griffiths, John, Co., Inc., 415 Lexington Ave., New York 17, N. Y. Machinery dealer.

Gulf Laminates, Inc., Picayune, Miss. Wood base material for mounting photoengravings.

Gummed Tape & Devices Co., 1069 Rogers Ave., Brooklyn 26, N. Y. Gummed tape and tape moisteners.

Gustafson Tool Co., 239 Centre St., New York 13, N. Y. Drying racks, roller racks, rolling tables, utility racks, and offset plate racks.

H

H. & H. Products, 1930 S. State St., Chicago 16, Ill. Dry spray offset preventing equipment.

H & M Taping Div., 645 N. Sumner Ave., Scranton, Pa. Adhesive tape type tieup device.

Haberule Company, Wilton, Conn. Copyfitting system.

Hackensack Specialty Mfg. Co., The, 200 Atlantic St., Hackensack, N. J. Tweezers, sticks and rules.

Haida Engineering Co., 34-11 Vernon Blvd., Long Island City 6, N. Y. Printing presses, carbon paper coating machines, foil coloring and laminating machines.

Halber Corporation, 4151 Montrose Ave., Chicago 41, Ill. Display phototypesetting machine.

Hall, George R., Inc., 21208 Beachwood Dr., Cleveland 16, O. Printing machinists, magazine and newspaper press installations.

Halm Industries Co., Inc., Glen Head Rd., Glen Head, N. Y. Card and envelope printing press.

Haloid Xerox, Inc., 2 Haloid St., Rochester 3, N. Y. Commercial photocopying machine and accessories; negative material and chemicals.

Halvorfold Kwikprint Co., 700 E. Union St., Jacksonville Sta. G, Fla. Gold stamping and embossing machine; gold leaf and colored foil.

Hamilton Manufacturing Co., 1316—18th St., Two Rivers, Wis. Cabinets, tables, wood type, form lockup furniture and other equipment.

Hamilton Tool Co., The, Ninth and Hanover, Hamilton, O. Printing presses, stereotype machinery, perforators, punches, slitters, spoolers, lift trucks.

Hammermill Paper Co., 1472 E. Lake Rd., Erie 6, Pa. Bond, envelope stock cover, duplicator, ledger, offset, opaque, safety, bristol and mimeograph papers.

Hammond Machinery Builders, Inc., 1600 Douglas Ave., Kalamazoo 54, Mich. Saw-trimmers, stereotype casting equipment, routers, plate planers.

Handschy, A. E., Co., 2525 N. Elston Ave., Chicago 47, Ill. Letterpress and offset inks.

Hansen Metal Products Co., 7171 W. Bloomingdale Ave., Chicago 35, Ill. Dispatch room equipment.

Hanson, Van Winkle, Munning Co., 100 Church St., Matawan, N. J. Electroplating equipment and supplies.

Hantscho, George, Co., Inc., 602 S. Third Ave., Mount Vernon, N. Y. Offset and letterpress web printing presses designed and built to specifications.

Harley Company, The, 8701 Third Ave., Brooklyn 9, N. Y. Device for mounting rubber plates in register on press cylinders; rubber plate grinder; sheet fed flexographic press for proofing and imprinting.

Harris-Seybold Co., Div. of Harris-Intertype Corp., 4510 E. 71st St., Cleveland 5, O. Offset, letterpress, metal decorating, cutters, trimmers, knife grinders, drills, perforators, wire stitchers, punches. Branches: 1430 Illuminating Bldg., 55 Public Square, Cleveland 13, Ohio; 800 Second Ave. Bldg., Corner of 42nd St. & Second Ave., New York 17, N. Y.; Rm. 1134, Rice Bldg., 10 High St., Boston 10, Mass.; 33 S. 20th St., Philadelphia 3, Pa.; 531 Du Pont Circle Bldg., 1346 Connecticut Ave., N.W., Washington 6, D. C.; 640 W. Washington Blvd., Chicago 6, Ill.; 306 Fourth Ave., South, Minneapolis 15, Minn.; 2636 Locust St., St. Louis, Mo.; 124 16th St., N.W., Atlanta 13, Ga.; 1808 Hi-Line Dr., Dallas, Tex.; 885 Bryant St., San Francisco 3, Calif.; 1830 W. Pico Blvd., Los Angeles 6, Calif.; 445 King St., West, Toronto 2B, Ont., Can.; 637 Craig St., West, Montreal, Que., Can.; Seybold Div., 819 Washington St., Dayton F7, O.; Rebuilding Machinery Dept., 2010 N. Ruby St., Melrose Park, Ill.

Hart Moisture Gauges, Inc., 126 Liberty St., New York 6, N. Y. Moisture gauge.

Hart, William C., Co., Inc., 137 Greene St., New York 12, N. Y. Composition, rubber, and vulcanized oil printers' rollers.

Hartco Manufacturing Co., 224 Meade St., Chester, Pa. Spaceband cleaning machine.

Hartnett, R. W., Co., 1025 Cherry St., Philadelphia 7, Pa. Special machinery designed and built for any purpose in the Graphic Arts industry; tablet and capsule printing presses.

Hartzell Machine Works, Market St. and Bethel Rd., Chester, Pa. Monotype molds and mold repairs; spaceband cleaning machines.

Hastings & Co., Inc., 2314 Market St., Philadelphia 3, Pa. Roll leaf and foil for hot press stamping.

Heidelberg Automatic Presses—Heidelberg Eastern Sales Co.—73-45 Woodhaven Blvd., Glendale 27, L. I., N. Y.; 227 N. Third St., Columbus 15, O.; 2015 S. Michigan Ave., Chicago 15, Ill.; 3501 Detroit Ave., Cleveland, O.; Heidelberg Southern Sales Co., 120 N. Sampson St., Houston 3, Tex.; Heidelberg Western Sales Co., 1700 S. Wall St., Los Angeles 15, Calif. Distributors of Heidelberg platen and cylinder presses.

Heinrich, H. H., Co., 111 Eighth Ave., New York 11, N. Y. Rubber platemaking equipment, paper bag machinery, flexographic and gravure presses.

Heinsohn, A. E., Printing Machinery & Supplies, 1443 Blake St., Denver 2, Colo. Machinery and supplies.

Hempel, H. A., 586 Tonawanda St., Buffalo 7, N. Y. Quoins and keys.

Henschel, C. B., Mfg. Co., 229 W. Mineral St., Milwaukee 4, Wis. Bronzing machines and equipment; printing presses and bagmaking supplies.

Herbert Products, Inc., 74-32 Jamaica Ave., Woodhaven 21, N. Y. Static neutralizing bar, heaters and ink driers, drying ovens.

Herrick, Wm. C., Ink Co., Inc., One Maple St., East Rutherford, N. J. Letterpress, lithographic, offset, and gravure inks, driers, varnishes.

Hess & Barker, 930 Washington Ave., Philadelphia 47, Pa. Fourcolor letterpress printing press, web offset press; curved platemaking equipment.

Hewson Company, Inc., The, 443 Broad St., Newark 2, N. J. Static control and static alarm systems.

Hickok, W. O., Mfg. Co., Ninth and Cumberland Sts., Harrisburg, Pa. Knife grinders, shears, paper presses, numbering machines, backers, heaters, stabbing machines, tables, feeders, benches, ruling machines, banding machines.

Hiertz, Theo., Metal Co., 8011 Alaska Ave., St. Louis 11, Mo. Metal for linecasting machines; stereotype, electrotype and toner metal; metal flux; composing machine lubricant.

Hill-Hentschel Co., 3928 Clayton Ave., St. Louis 10, Mo. Letterpress, offset, gravure, flexographic, engraving, and metal decorating ink.

Hi-Speed Roller Co., Inc., 3157 Tchoupitoulas St., New Orleans 15, La. Synthetic rubber rollers; newspaper and offset press blankets.

Hobbs Manufacturing Co., 26 Salisbury St., Worcester 5, Mass. Die cutting and embossing presses; shears for bookbinders and printers; card cutting machine; slitting, cutting and creasing machinery; tension devices.

Hoch, Fred W., Associates, Inc., 461 Eighth Ave., New York 1, N. Y. Printing management and production service.

Hoe, R., & Co., Inc., 910 E. 138th St., New York 54, N. Y. Newspaper, magazine, rotogravure, offset and metal decorating printing presses; stereotype and electrotype platemaking equipment; paper surface cleaner.

Hoeffler, J., & Co., 100 Sixth Ave., New York 13, N. Y. Printing, offset and proving inks.

Hold Heet Products Co., 905 Belmont St., Chicago 14, Ill. Glue pot.

Holmstrom, Axel, Etching Machines, 2555 Carpenter St., Philadelphia 46, Pa. Photoengraving etching machine.

Hoosier Tarpaulin & Canvas Goods Co., Inc., 1302 W. Washington St., Indianapolis 6, Ind. Printers' aprons.

Horn Industrial Finishes, Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Industrial finishes, protective coatings, silk screen paint.

House, Chas. W., & Sons, Inc., 505 Fifth Ave., New York 17, N. Y. Press cylinder blankets, tapes and webbing.

Howard Paper Co. Div., Howard Paper Mills, Inc., Urbana, O. Sulphite bond, ledger, writing and mimeograph papers.

Howson, W. H., Div., R. W. Crabtree & Sons, Ltd., 629 Adelaide St., W., Toronto 3, Ont., Can. Chemicals and supplies for photoengraving and offset platemaking; offset deep etch process.

Hoyt, Arthur S., Co., Inc., 20 Jerusalem Ave., Hicksville, L.I., N. Y. Wheat paste in powder form.

Huber, J. M., Corp., 1478 Chestnut Ave., Hillside, N. J. News, gravure, letterpress and offset inks, driers, compounds and specialties. Branches: 1230 W. Jackson Blvd., Chicago 7, Ill.; 2917 S. Second St., St. Louis 18, Mo.; 80 Federal St., Boston 10, Mass.

Huck Company, 72 W. 45th St., New York 36, N. Y. Automatic press web control; special machinery designers.

Hudson Sharp Machine Co., Sub. Food Machinery & Chemical Corp., 1201 Main St., Green Bay, Wis. Letterpress and rotogravure presses, sheeters and waxers; die inking units for embossers.

Huebner, Wm. C., 102 Mamaroneck Ave., Mamaroneck, N. Y. Graphic Arts consultant.

Humphrey Design & Mfg., Inc., 16343 Euclid Ave., Cleveland 12, O. Designs and develops special machines for packaging and converting purposes.

Hunt, Philip A., Co., Palisades Park, N. J. Chemicals for photoengravers and offset platemakers.

Hutzler, Federico K., Co., 1133 Broadway, New York 10, N. Y. Line composing machine spacebands, numbering machines, dealer.

Hyster Company, P.O. Box 4318, Portland 8, Ore. Power roll grab, skid lift and platform trucks for transporting roll and skid paper and other materials.

I

Ideal Roller & Mfg. Co., Inc., 2512 W. 24th St., Chicago 8, Ill. Letterpress, lithographic, flexographic, rotogravure and mechanical rollers; surfacing and sectional machines; rubber plate gums and adhesives. Factories: Ideal Roller & Mfg. Co., 2512 W. 24th St., Chicago 8, Ill.; 21-24 39th Ave., Long Island City 1, N. Y.; 6069 Maywood Ave., Huntington Park, Calif.; 5238 Peachtree Rd., N.E., Chamblee, Ga. Sales offices: 100 S. Gay St., Baltimore 2, Md.; 2132 Chatham Ave., Charlotte, N. C.; 1717 Section Rd., Roselawn Center Bldg., Cincinnati 37, O.; 2131 S. Harwood, Dallas 15, Tex.; 1441 Blake St., Denver 2, Colo.; 3049 E. Grand Blvd, Detroit 2, Mich.; 225 W. Eighth St., Kansas City 5, Mo.; 147 N. Tenth St., Philadelphia 7, Pa.; 1828 W. Jefferson, Phoenix, Ariz.; 14 Franklin St., Rochester 4, N. Y.; 246 W. First South St., Salt Lake City, Utah; 3818 Laclede Ave., St. Louis 8, Mo.; 275 Brennan St., San Francisco 7, Calif.; 10 High St., Boston 10, Mass.; 1828 Audubon Dr., Clearwater, Fla.; 14812 Detroit St., Cleveland 7, O.; 1210 Gale Lane, Nashville 12, Tenn. 400 Hollywood Ave., Hohokus, N. J.; 4377 N. Teutonia St., Milwaukee 9, Wis.; 1821 University Ave., Midway-Griggs Bldg., St. Paul 4, Minn.

Illinois Testing Laboratories, Inc., 420 N. LaSalle St., Chicago 10, Ill. Portable and stationary pyrometers.

Illinois Zinc Co., 2959 W. 47th St., Chicago 32, Ill. Zinc offset plates.

○Imperial Type Metal Co., 3400 Aramingo Ave., Philadelphia 34, Pa.; 1800 S. 54th Ave., Chicago 50, Ill. Composing, stereotype, electrotype metals and photoengraving zinc.

Inco Company, Inc., 2372 W. Seventh St., Cleveland 13, O. Letterpress and offset inks.

Indiana Chemical & Mfg. Co., 624 E. Walnut St., Indianapolis 4, Ind. Ink driers, reducers, varnish and specialties, roller washes.

Industrial Engraving Co., Church and Banks Sts., Easton, Pa. Cylinder platemaking for the trade.

Industrial Fastener Div., Heller Roberts Mfg. Corp., 2135 Superior Ave., Cleveland 14, O. Nailing and stitching machines and wire.

Industrial Marking Equipment Co., Inc., The, 454 Baltic St., Brooklyn 17, N. Y. Presses for bag, carton and container printing.

Industron Corporation, 55 Needham St., Newton Highlands 61, Mass. Stereotype electronic mat preshrinker.

Inland Newspaper Supply Co., 422 W. Eighth St., Kansas City 5, Mo. Machinery dealers.

Inland Wire Products Co., 3947 S. Lowe Ave., Chicago 9, Ill. Newspaper bundle tying machine, stitching machine wire.

Inserting and Mailing Machine Co., P. O. Box 186, Phillipsburg, N. J. Machines for automatically collating and inserting up to eight pieces into envelopes, closes and seals envelope flaps and, if desired, prints metered or nonmetered permit mail postage indicia on envelope.

Intaglio Service Corp., 305 E. 46th St., New York 17, N. Y. Gravure cylinder sleeve and platemaking for the trade.

Inta-Roto Machine Co., Inc., P.O. Box 454, Richmond 3, Va. Rotogravure and flexographic presses; cylinder engraving for the trade.

○**Interchemical Corporation, Printing Ink Div., 67 W. 44th St., New York 36, N. Y. Letterpress, gravure, flexographic, and offset inks, compounds, driers, reducers, industrial finishes, artists materials. Branches: 3333 Empire Blvd., S.E., Atlanta, Ga.; 700 S. Kane St., P.O. Box 5136, Baltimore, Md.; 77 Dingens St., Buffalo 6, N. Y.; 175 Albany St., Cambridge 39, Mass.; 636—11th Ave., New York 36, N. Y.; Germantown Ave. and New Market St., Philadelphia 23, Pa.; 175 N. Water St., Rochester 4, N. Y.; 1034 W. Fayette St., Syracuse 4, N. Y.; 4700 Paddock Rd., Cincinnati 29, O.; 640 E. Walnut St., Indianapolis, Ind.; 2928 Sidco Dr., Nashville 3, Tenn.; 3425 W. Leigh St., Richmond 3, Va.; Merrill Park, P. O. Box 199, Battle Creek 101, Mich.; 161 W. Harrison St., Chicago 5, Ill.; 1325 W. 73rd St., Cleveland 2, O.; 1501 Turtle Creek Blvd., Dallas 2, Tex.; 1210 Santa Fe Dr., Denver 4, Colo.; 3100—14th St., Detroit 16, Mich.; 620 Commerce Lane, Kalamazoo 3, Mich.; 1130 Elmwood Ave., Kansas City 27, Mo.; 105 E. Melvina St., Milwaukee 1, Wis.; 2541 Hiawatha Ave., Minneapolis 1, Minn.; 711 St. Charles St., New Orleans 13, La.; 4168 Meramec St., St. Louis 16, Mo.; 60 Sterling Ave., Rittman, O.; 1782 Latham St., Memphis 3, Tenn.; 117 W. Griffith St., Charlotte, N. C.; 707 E. 62nd St., Los Angeles 1, Calif.; 1525 N. W. 23rd Ave., Portland 10, Ore.; 212 Maritime Bldg., Seattle 4, Wash.; 2302 Market St., Jacksonville, Fla.; 2250 State St.; Hamden 17, Conn.; 132 Q St., N.E., Washington, D. C.; 1133 Maple St., Louisville, Ky.; 2132 N.W. 36th St., Miami, Fla.; 956 Telegraph Rd., Mobile, Ala.; 3006-8 S. Lee Ave., Monroe, La.; P.O. Box 446, Mt. Vernon, O.; 318 First St., Neenah, Wis.; 1701—16th St., Oakland 7, Calif.; 2310 Main St., P.O. Box 7805, Pittsburgh 15, Pa.**

Intercontinental Marketing Corp., 45-17 Pearson, Long Island City, N. Y. Rotogravure equipment and supplies; machinery dealers.

International Business Machines Corp., 590 Madison Ave., New York 22, N. Y. Justifying typewriter, time clocks and recorders.

International Dry Spray Corp., 13 E. 19th St., New York 3, N. Y. Dry powder offset eliminating device.

International Newspaper Supply Corp., 1639 N. Lorel Ave., Chicago 39, Ill. Stereotype metal pump, newspaper page make-up trucks.

International Paper Co., 220 E. 42nd St., New York 17, N. Y. Bond, book, bristol, manila, offset, postcard, tag, mimeograph, duplicator, newsprint and manifold papers.

○Intertype Company, Div. of Harris-Intertype Corp., 360 Furman St., Brooklyn 1, N. Y. Linecasting and phototypesetting machines and supplies. Branch offices: 80 Federal St., Boston 10, Mass.; 500 Sansome St., San Francisco 11, Calif.; 1220 S. Maple Ave., Los Angeles 15, Calif.; 1007 Camp St., New Orleans, La.; 57 W. Grand Ave., Chicago 10, Ill.

Irwin Manufacturing Co., Inc., Main St., Garland, Pa. Wood block, cutting sticks, regiets, furniture, drawing and router boards.

J

Jacobs, Louis R., 2546 S. Phillip St., Philadelphia 48, Pa. Quoins and machinery dealers.

○**Jampol Company, Inc., The, 728—61st St., Brooklyn 20, N. Y. Newspaper and magazine material handling equipment.**

Johnson, Joseph E., Co., 610 Atlantic Ave., Brooklyn 17, N. Y. Steel and brass type; steel and brass lettering dies; metal marking devices.

Johnson, Wm. R., Co., Inc., 3131 Western Ave., Seattle 1, Wash. Padding compounds and glue.

Johnstone Engineering and Machine Co., First Ave. and Gay St., Parkesburg, Pa. Slitting and rewinding machines.

Jomac, Incorporated, 6128 N. Woodstock St., Philadelphia 38, Pa. Dampening roller cover and roller dampener cleaner.

Jones Graphic Products Co., 320 Broadway, S. E., Albuquerque, N. M. Offset and photoengraving platemaking equipment and supplies.

Jones, James H., Co., 808 W. Washington Blvd., Chicago 7, Ill. Bookbinding machinery, new and rebuilt.

Judson Type, Inc., 151 W. 23rd St., New York 11, N. Y. Type and rules.

Justrite Manufacturing Co., 2061 N. Southport Ave., Chicago 14, Ill. Safety and oily waste cans.

K

KVP Company, The, Kalamazoo, Mich. Offset, parchment and manifold papers.

Keller, George R., Inc., 1228 Mt. Olivet Rd., N. E., Washington 2, D. C.; 36 E. 25th St., Baltimore 18, Md.; 208 W. Griffith St., Charlotte 3, N. C. Machinery dealers.

Kellett Company, 640 S. Miller St., Chicago 7, Ill. Knife grinders.

Kellogg Div., American Brake Shoe Co., 97 Humboldt St., Rochester 9, N. Y. Air compressors.

Kelsey, W. A., Company, 45 Crown St., Meriden, Conn. Hand printing presses and machinery dealers.

○Kemp, The C. M., Mfg. Co., 405 E. Oliver St., Baltimore 2, Md. Gas heating equipment for composing and stereotype machinery and remelting pots.

○Kenro Graphics, Inc., 25 Commerce St., Chatham, N. J. Graphic Arts, process, photocopy, and xerographic cameras.

Kidde, Walter & Co., Inc., 657 Main St., Belleville 9, N. J. Fire prevention equipment.

Kidder Press Co., Inc., 121 Broadway, Dover, N. H. Bronzing machines; letterpress, flexographic, gravure and offset presses; slitting and rewinding machines.

Kimberly-Clark Corp., Neenah, Wis. Book, coated, bond and ledger, onion skin, mimeograph, duplicator, bristol, offset, cover, plastic, and specialty papers, packless stereo mat molding material.

Kleen-Stik Products, Inc., 7300 W. Wilson Ave., Chicago, Ill. Pressure-sensitive adhesive papers and foils.

Klingler, Karl A., 124 S. Washington, Naperville, Ill. Consulting engineer for design and development of various printing equipment.

Kohl and Madden Printing Ink Corp., 1132 S. Jefferson St., Chicago 7, Ill.; 636 Eleventh Ave., New York 36, N. Y. Inks, varnishes, compounds and driers, plastic inks, anti-oxidant spray.

Korfund Company, Inc., 48-15 N. 32nd Pl., Long Island City 1, N. Y. Vibration elimination equipment.

○Korn, Henry P., 5 Beekman St., New York 38, N. Y. Bronzing machines, etching trays, chemicals for offset and photoengraving, routing machines; machinery dealers.

○**Korthe Engineering Co., 9353 Seymour Ave., Schiller Park, Ill. Press web break detection device.**

Kreonite, Incorporated, 1709 S. Hillside, Wichita 17, Kan. Cabinet sinks and individual glass fibre trays for platemakers, negative viewers, dot etch table, print washer.

L

L & W Service Co., One Waterman Ave., E. Providence 14, R. I. Special matrices for all typecasting machines.

Lacey-Luci Products Co., 31 Central Ave., Newark 2, N. J. Cameras for offset, photoengraving and silk screen; offset platemaking vacuum frames; transparency viewers.

Lake Engineering Co., 312 Gostlin St., Hammond, Ind. Hydraulic waste material baling presses.

○Lake Erie Machinery Co., P.O. Box 68, Kenmore Sta., Buffalo 17, N. Y. Direct pressure presses for stereotype, electrotype, rubber and plastic plate molding; bag, box and carton making equipment and supplies.

Lake Shore Electrotype Div., Electrographic Corp., 1224 W. Van Buren St., Chicago 7, Ill. Electrotype and stereotype, Bishop plate pre-makeready processes.

Laminated Sheet Products Corp., 449 Neponset St., Norwood, Mass. Fibre and plastic gears, fabricator of plastic materials to customer specifications.

Lamson Corporation, 250 Lamson St., Syracuse 1, N. Y. Pneumatic dispatch tubes; conveyors, chutes, trucks, elevators, blowers.

Lamson & Goodnow Mfg. Co., 45 Conway St., Shelburne Falls, Mass. Ink, overlay and makeready knives.

Lance, Chester L., Co., 620 Browder St., Dallas 1, Tex. Press grippers, press heaters and adjustable chases.

Langford, W. A., Co., 10114 S. Crandon Ave., Chicago 7, Ill. Camera for Graphic Arts reproduction work.

○Lanston Monotype Co., Div. Lanston Industries, Inc., 24th and Locust Sts., Philadelphia 1, Pa. District Offices: 57 Forsythe St., Atlanta 3, Ga.; 441 Lexington Ave., New York 17, N. Y.; 608 S. Dearborn St., Chicago 5, Ill. Metal type material making machines; photocomposing machines; engraving offset and gravure platemaking machines and cameras; phototypesetting machines; offset platemaking equipment.

Lawson Company, The, Div. Miehle-Goss-Dexter, Inc., Pearl River, N. Y. Paper cutters, drillers, three-knife trimmer, slotters; machinery dealers.

Lawson Printing Machine Co., The, 4453 Olive St., St. Louis 8, Mo. Power driven silk screen press.

Lawter Chemicals, Inc., 3550 Touhy Ave., Chicago 45, Ill. Fluorescent inks for silk screen printing; varnishes.

LeBlond, The R. K., Machine Tool Co., Madison and Edwards Rds., Cincinnati 8, O. Lathes for grinding and polishing rubber printing press rollers.

Lee, Arthur B., 25 W. 45th St., New York 36, N. Y. Copy fitting system.

Leedal, Inc., 2929 S. Halstead St., Chicago 8, Ill. Stainless steel processing sinks, trays, tables and carbon tissue storage cabinets.

Leiman Brothers Inc., P.O. Box 1339, 146-181 Christie St., Newark 5, N. J. Vacuum pumps.

Lencke Ink Pump Co., P. O. Box 1044, Reading, Pa. Ink pump.

Levey, Fred'k H., Co., Inc., Machinery Div., 4901 Grays Ave., Philadelphia 43, Pa. Aller plates and chemicals; driers, web offset and rubber plate presses.

Levey, Fred'k H., Co., Inc., Printing Ink Div., 380 Madison Ave., New York 17, N. Y. Letterpress, offset and rotogravure inks.

Levy, Max, & Co., Wayne Ave. and Berkley St., Philadelphia 44, Pa. Halftone screens, cameras, stands and printing frames; lenses, lamps, baths and whirlers.

Lewis-Shepard Products, Inc., 125 Walnut St., Watertown 72, Mass. Lift-trucks, portable cranes and specialty handling appliances.

Lift Trucks, Inc., 2425 Spring Grove Ave., Cincinnati 14, O. Industrial lift trucks; electric powered fork trucks; platform trucks; tractors.

○**Link-Belt Co., Prudential Plaza, Chicago 1, Ill. Chain drives, conveyors, gear drives, variable speed drives, power transmission machinery.**

Link Paper Co., 45 Cedar Lane, Englewood, N. J. Teletypesetter tape.

Linotype Maintenance Co., 277 Broadway, New York 7, N. Y. Machinists; linecomposing machine parts and supplies.

Linotype Supply Co., 8 Beach St., New York 13, N. Y. Composing room and linecasting machine supplies; parts and accessories; repairs; machinery dealers.

Linton Brothers & Co., Inc., Box 460, Fitchburg, Mass. Bristol and tag stocks.

Litho Chemical & Supply Co., Inc., 46 Harriet Pl., Lynbrook, N. Y. Offset platemaking and pressroom chemicals, supplies and plates.

Lithographic Technical Foundation, 131 E. 39th St., New York 16, N. Y. Lithographic technical books and publications.

Lithoplate Incorporated, Sub. of Harris-Intertype Corp., 278 N. Arden Dr., El Monte (Los Angeles), Calif. Presensitized offset plates; Harris lithographic press and platemaking chemicals.

Lockwood Company, Inc., 125 N. Fifth St., Atchison, Kan. Plastic type base for mounting rubber printing plates in flatbed printing presses.

Lockwood's Incorporated, 375—11th Ave., Paterson 4, N. J. Multicolor press for printing tickets, labels and the like.

Logan Engineering Co., 4901 W. Lawrence Ave., Chicago 30, Ill. Air conditioning equipment and supplies.

LogEtronics, Incorporated, 500 E. Monroe Ave., Alexandria, Va. Enlargers and contact printers with automatic masking and exposure control.

Lorenz Printing Machine Co., Inc., 36-26—31st St., Long Island City 6, N. Y.—Press engineers and machinists; machinery dealers.

○**Los Angeles Type Founders, Inc., 225 E. Pico Blvd., Los Angeles 15, Calif.** Foundry type and rule; machinery dealers.

Lox Manufacturing Co., 3310 E. 31st St., Kansas City 28, Mo. Adhesives and solders.

Lubriplate Division, Fiske Brothers Refining Co., 129 Lockwood St., Newark 5, N. J. Lubricants.

Ludlow Papers, Inc., Fine Papers Div., Brookfield, Mass. Metallic coated paper, gummed.

○**Ludlow Typograph Co., 2032 N. Clybourn Ave., Chicago 14, Ill.** Ludlow slug casting machines and matrices; lead, slug and rule caster molds and equipment; photomechanical conversion process.

Lumirel Corporation, 41 W. 25th St., New York 10, N. Y. Offset press rollers and rubber blankets.

Lyon Metal Products, Inc., Aurora, Ill. Steel clothing lockers; cabinets; stools; benches; work tables; engraving and electro cabinets.

M

M & L Typesetting & Electrotyping Co., Inc., 4001 Ravenswood Ave., Chicago 13, Ill. Type and plate mounting base; press test blocks.

M & M Research Engineering Co., Inc., 13360 W. Silver Spring, Butler, Wis. Silk screen printing presses and wicket conveyor driers.

Macbeth Arc Lamp Co., 141 Berkley St., Philadelphia 44, Pa. Photographic arc lamps, transformers and rheostats; lamps for engraving, offset and gravure platemakers; arc lamp carbons, color matching and testing lamps.

Macbeth Corporation, P.O. Box 950, Newburgh, N. Y. Color matching lamp with booth; inspection lamps, densitometers.

Macey Company, Sub of Harris-Intertype Corp., 5350 W. 130th St., Cleveland 30, O. Automatic collating and stitching machines.

Magnacraft Manufacturing Co., 7739 S. Kedzie Ave., Chicago 29, Ill. Machine which flat wraps, fold wraps, band wraps and addresses periodicals automatically.

Magnat Machinery & Pattern Corp., Leeds, Mass. Offset-gravure printing presses.

Maigne, O. J., Co., 321 Pearl St., New York 38, N. Y. Printing press rollers.

○**Main, Chas. T., Inc., 80 Federal St., Boston 10, Mass.** Architects, engineers and designers for newspaper printing and publishing plants.

Mallinckrodt Chemical Works, Second and Mallinckrodt Sts., St. Louis 7, Mo. Chemicals for offset, photoengraving and photography.

Manhasset Machine Co., 409 Bayview Ave., Amityville, N. Y. Flexographic, indirect offset, rotogravure and hybrid offset-gravure and/or rubber plate and **sales book presses; collating machines for business forms,** lacquer and color coating machines; **rewinders, slitters and bag making machines.**

Manhattan Industrial Contracting Co., Inc., 3-17—26th Ave., Astoria 2, N. Y. Complete newspaper and plant installations machinists and riggers.

Manhattan Paste & Glue Co., Inc., 425 Greenpoint Ave., Brooklyn 22, N. Y. Adhesives for bookbinding, **flexible glues, pastes, padding glues and synthetic resin cements.**

Manning, Maxwell & Moore, Inc., Shaw-Box Crane & Hoist Div., W. Broadway, Muskegon, Mich. Hoists and cranes; platform scales.

Margach Manufacturing Co., Inc., 47 Wooster St., New York 13, N. Y. Metal feeders for composing machines, work holder **and extension gauge for saw trimmers.**

Mark Specialty Co., 183 St. Paul St., Rochester 10, N. Y. Make-ready and overlay knives; magnifying and reducing glasses.

Markem Machine Co., 150 Congress St., Keene, N. H. Marking and printing machines.

Markwell Manufacturing Co., Inc., 200 Hudson St., New York 13, N. Y. Stapling and stitching **machines and wire; stencil and marking supplies.**

Marsh, Hamilton R., Co., 15th and Mt. Vernon Sts., Philadelphia 30, Pa. Machinery dealer.

Marsh Stencil Machine Co., 707 E. B St., Belleville, Ill. Stencil cutting machinery and supplies; tape moisteners; label dispensers.

Martin, L. C., & Associates, 238 Glenview Rd., Glenview, Ill. Single book and magazine fol and flat wrapping machine.

Maryland Wiping Cloth Co., 1810 Worcester St., Baltimore 30 Md. Wiping cloths.

Mason-Moore-Tracy, Inc., 28 E. Fourth St., New York 3, N. Y. Printing machinery dealers; machinists.

Master Appliance Mfg. Co., Fourth and Ontario Sts., Racine, Wis. Heated air blower **for preventing ink offset on web printing presses.**

○**Master Etching Machine Co.** (See Master Sales & Service Corp.)

○**Master Sales & Service Corp., 125 Greenwood Ave., Wyncote, Pa.** Etching machines and photoengraving equipment; powderless etching equipment.

○**Matrix Contrast Corp., 154 W. 14th St., New York 11, N. Y.** **Process for applying black and** white contrast to linecasting matrices; linecasting machine cleaning brushes; mold lubricant. Branch offices: 326 W. Madison St., Chicago 6, Ill.; 1105 Trenton St., Los Angeles 15, Calif.

Maxson Automatic Machinery Co., 98 Granite St., Westerly, R. I. Counter and marker machines, rotary sheeters, sheet deliveries, stackers, and static eliminating bars.

Maxwell Paper Co. Div., Howard Paper Mills, Inc., Franklin, O. Bond, offset and mimeograph papers.

May Machine Co., Inc., 195 Chrystie St., New York 2, N. Y. Dies for bindery and pressroom; **special dies.**

MayVan Corporation, 1141 N. Washington Ave., Scranton 9, Pa. Crawford single-wrapping **machine for individually wrapping newspapers.**

McAdams, John, & Sons, Inc., 20 Knight St., Norwalk, Conn. Ruling, feeding and paging machines; imprinting, check and tape presses, stamp and coupon perforators, folding machines, electronic inserters, bookbinders' tools.

McCutcheon Bros. & Quality, Inc., 2653 N. Reese St., Philadelphia 33, Pa. Letterpress and offset inks, varnishes and driers.

McGraw Colorgraph Co., 175 W. Verdugo Ave., Burbank, Calif. Pigment papers (carbon tissue) for gravure and screen process printers.

McHugh, J. Thomas, Co., Inc., 31 E. Georgia St., Indianapolis 4, Ind.; 500 Fifth Ave., New York 36, N. Y. Press rollers, blankets; stereotype molding blankets; cutting rubbers.

M-D Blowers, Inc., Sub. Miehle-Goss-Dexter, Inc., 100 Fourth St., Racine, Wis. Air conditioning equipment and supplies.

Mead Papers, Inc., 118 W. First St., Dayton 2, O. Bond, ledger, book, coated cover and board, offset, postcard, bristol, blanks, mimeograph, duplicator, rotogravure, envelope, coated and specialty paper.

Megill, The Edward L., Co., 761 Atlantic Ave., Brooklyn 38, N. Y. Printing press attachments, gauge pins, gauges, gripper-fingers.

Mendes, J. Curry, Corp., One Curry Lane, Canton, Mass. Semi-automatic carbon snap-out form collating and tipping machines; automatic vertical stack collating machines.

Mendez Company, 30 Beekman St., New York 38, N. Y. Rule, borders, and ornaments; type tie-up lock.

Mercury Engineering Corp., Sub. Miehle-Goss-Dexter, Inc., 2100 N. Farwell Ave., Milwaukee 2, Wis. Flexographic and rotogravure printing presses; die cutting machinery; embossing presses; and special paper converting machinery.

Mercury Manufacturing Co., 4710 W. Division St., Chicago, Ill. Lift trucks and hand-operated fork trucks.

○**Mergenthaler Linotype Co., 29 Ryerson St., Brooklyn 5, N. Y.** Phototypesetting machines; Linotype machines, parts, matrices and other devices. Branches: 300 Luckie St., N.W., Atlanta 13, Ga.; Suite 844, Park Sq. Bldg., Boston 16, Mass.; 675 King St., W., Toronto 2B, Ont., Can.; 531 Plymouth Court, Chicago 5, Ill.; 2536 St. Clair Ave., Cleveland 14, O.; 1304 Dragon St., Dallas 7, Tex.; 155 Twelfth St., San Francisco 3, Calif.; 1212 Albany St., Los Angeles 15, Calif.

Merritt Products Co., 1747 Chester Ave., Cleveland 14, O. Padding compound; adhesives.

Merz-Vonder Haar Co., 809 Walnut St., Cincinnati 2, O. Manufacturers of book binding equipment such as turning-in machines and case making quages.

Metron Instrument Co., 432 Lincoln St., Denver 3, Colo. Portable tachometer.

Metwood Manufacturing Co., Inc., Spruce St., Hanover, Pa. Utility tables.

Metzgar Conveyor Co., 412 Douglas St., Grand Rapids 4, Mich. Conveyor systems.

Miami Valley Coated Paper Co., Oxford Rd., Franklin, O. Bond, bristol, book, coated, cover offset, postcard, tag, plastic coated, duplicator and specialty papers; masking papers.

Michael Lith Inc., 145 W. 45th St., New York 36, N. Y. Paper cutter.

Mick, Walter K., Co., 500 Robert St., St. Paul 1, Minn. Paper drill, general and special machinery.

Mid-States Gummed Paper Div. of Minnesota Mining & Mfg. Co., 6850 S. Harlem Ave., Bedford Park, Ill. Gummed paper and heat sealed label paper.

Midwest Printers Supply, 1209 Sycamore, Cincinnati 10, O. Supply dealers, static tinsel and static eliminators; Linotype metal; leads, slugs, type; machinery dealers.

Midwest Publishers Supply Co., 4500 Cermak Rd., Chicago 23, Ill. Machinery dealers.

○**Miehle Company, The, Div., Miehle-Goss-Dexter, Inc., 2011 W. Hastings St., Chicago 8, Ill.** Flatbed, automatic job and rotary letterpresses; offset and gravure presses; cutting and creasing presses; feeders, motors, etc.

Miller Apron Co., 1943 Fourth St., LaVerne, Calif. Printers aprons.

Miller, Hobson, Machinery, Inc., 280 Lafayette St., New York 12, N. Y. Printing press for paper indexes and envelopes and for imprinting folders, pamphlets and booklets.

Miller Lauffer Printing Equipment Corp., 230 Lafayette St., New York, N. Y. Tab inserter for presses, pre-determined counter, envelope press.

Miller Printing Machinery Co., 1103 Reedsdale St., Pittsburgh 33, Pa. Letterpress, offset, die-cutting, embossing, creasing, and cutting presses.

Miller-Trojan Co., Inc., 3 N. Ridge Ave., Troy, O. Offset platemaking equipment, cameras, arc lamps, vacuum printing frames, tables and platemaking machinery; silk screen equipment.

Milwaukee Printers Roller Co., 422 S. Fourth St., Milwaukee 4, Wis. Machinery dealers; inking rollers, photo-offset plates.

Milwaukee Pump & Tank Works, Inc., 714 E. Nash St., Milwaukee 12, Wis. Portable ink tanks with pumps.

Minden Paper Gauge Co., Inc., 230 W. 41st St., New York 36, N. Y. Paper thickness gauges and paper tester.

Minnesota Mining & Mfg. Co., 900 Bush Ave., St. Paul 6, Minn. Two sided gummed cellulose tape; glass bead tympan paper and blankets; presensitized offset plates; letterpress makeready and pre-makeready systems; offset chemicals and dampener roller covering.

Minnich Machine Works, 1607 Ridgely St., Baltimore 30, Md. Paper baling presses.

Missouri Central Type Foundry, 705 E. Murdock St., P.O. Box 2066, Wichita 1, Kan. Type, feeders, saws, routers, casters and molders; machinery dealers.

Mitchell-Rand Insulation Co., 51 Murray St., New York, N. Y. Press packing and tympan paper.

○**Model Planning Co., Inc., 164 Greenway West, New Hyde Park, N. Y.** Tri-dimensional models (1/48th scale) of equipment used by planning engineers in the Graphic Arts, including models of personnel and buildings; advisory service.

Model Printing Equipment Corp., 1422 Grand St., Hoboken, N. J. Dry offset, letterpress and rotogravure presses.

Modern Engraving & Machine Co., 1413 Chestnut Ave., Hillside 5, N. J. Hydraulic rotary embossing machine; gravure or aniline applicator rolls for lacquers and flexographic inks.

Modern Equipment Co., Inc., 2011 Cuming St., Omaha 2, Neb. Newspaper folding machines.

Modern Matrix Co., P.O. Box 192, Grantsburg, Wis. Special matrices and border slides.

Modi-Graphic, Inc., 215 E. Ninth St., Cincinnati 2, O. Cameras for reproportioning type reproduction proofs, for making photostats, for making silk screen stencils and for straight camera work; reproduction letters.

○**Mohr Lino-Saw Co., 8015 N. Ridgeway Ave., Skokie, Ill.** Line composing machine saws.

Moler, Don A., Distributors, 1011—20th St., N.W., Washington 6, D. C. Machinery dealers.

Monitor Controller Div., Industrial Electronics Co., Inc., 99 Grove St., Rockland, Mass. Motor controllers and starters.

○**Monomelt Company, Inc., The, 1611 Polk St., N.E., Minneapolis 13, Minn.** Composing machine melting equipment; electrotype molding equipment; shavers.

○**Montgomery Company, Inc., Pratt Ave., P.O. Box 309, Towanda, Pa.** Linotype magazines.

Moore, Jack, 560 Eastland Rd., Berea, O. Special matrices for all type and linecasting machines; steel and magnesium newspaper heads; newspaper base and page trucks.

Moore, Kenneth J., & Co., 1778 W. Estes Ave., Chicago 26, Ill. Gluing, labeling, coating, laminating machines; flexographic and rotary presses; designers and builders of specialty equipment.

Moore Laboratories, 10326 Fenkell, Detroit 38, Mich. Screens and chemicals.

Morehouse Cowles, Inc., 1150 San Fernando Rd., Los Angeles 65, Calif. Ink grinding and mixing equipment.

Moreland Corporation, The, York and Fitzwatertown Rds., Willow Grove, Pa. Rubber and synthetic rollers for letterpress and offset presses.

Morgans & Wilcox Mfg. Co.—See Challenge Machinery Co.

Morningstar-Paisley, Inc., 630 W. 51st St., New York 19, N. Y. Adhesives for various uses; offset preventing spray solutions.

Morrill, George H., Co., Div. Sun Chemical Corp., 750 Third Ave., New York 17, N. Y. Branches: Chicago 7, 42 N. Racine Ave.; St. Louis 3, 1514 Pine St.; Ft. Worth 7, Tex., 2506 Tillar St.; Detroit 4, 8747 Brandt St.; Norwood, Mass., 601 Pleasant St. Newspaper, letterpress, offset and water-color inks.

○Morrison Company, The, 125 W. Melvina St., Milwaukee 12, Wis. Composing room saw trimmers and stereotype saws for printers and engravers, slug stripper, router and type high planer, plate beveler.

Morrison Printing Ink Co., The, 1051 Power Ave., Cleveland 14, O. Letterpress and offset inks.

Mort, Ralph H., Co., 102 N.W. Ninth Ave., Portland 9, Ore. Dampener cleaner for offset press rollers; developing tables.

Mosstype Corporation, 150 Franklin Turnpike, Waldwick, N. J. Multiplate mounting and multicolor proving machines for mounting and registering rubber plates and design rollers.

Motter, John C., Printing Press Co., 907 Roosevelt Ave., York, Pa. Proof press, presses, magazine folders, transfer machines and doctor blade grinders.

Munising Paper Co., The, Div. Kimberly-Clark Corp., Munising, Mich. Bond, ledger, offset, specialty, mimeograph, plastic coated and duplicator papers.

Munning & Munning, Inc., 202 Emmet St., Newark 5, N. J. Equipment for plating stereotype and electrotype plates; plating equipment for facing printing and textile printing rolls with copper and chromium and for building up roll thickness after having been dressed down.

Munro, W. L., 401 Broadway New York 13, N. Y. Electric pickup and electric eye counting devices for folding machines, gang stitchers and ruling machines.

Murphy, George, Inc., 57 E. Ninth St., New York 3, N. Y. Chemicals and supplies.

Murray, D. J., Mfg. Co., 1002 Third St., Wausau, Wis. Grid unit coolers, heaters and humidifiers.

N

Nashua Corporation, 44 Franklin St., Nashua, N. H. Gummed, metallic and specialty papers.

Nashua Package Sealing Div., Nashua Corporation, 44 Franklin St., Nashua, N. H. Package sealers, moistening machines and gummed tape.

National Adhesives Div., National Starch Products, Inc., 750 Third Ave., New York, N. Y. Adhesives.

National Baling Press & Equipment Co., 1071 E. 48th St., Brooklyn 34, N. Y. Hand and electric baling machines and supplies, hand trucks, baling wire, scales, grease gun.

National Bundle Tyer Co., 320 Adrian St., Blissfield, Mich. Tying and stringing machines.

○National Laboratories, Midland Park, N. J. Web scanner.

National Lead Co., 111 Broadway, New York 6, N. Y. Type metal, plate backing, metal flux, patent base, plate mounting accessories.

National Numbering Machine Co., 42-25 Ninth St., Long Island City 1, N. Y. Typographic, rotary head and special numbering machines, printing supplies.

National Steel & Copper Plate Co., 700 S. Clinton St., Chicago 7, Ill. Photoengravers copper, zinc, chemicals and equipment; stripping film; proofing paper; plastic, copper, zinc, magnesium etcher; cathode lights; flush mounting presses; polishing machine.

National Wiping Cloth Co., 2519 N. Second St., Philadelphia, Pa. Wiping cloths.

Naz-Dar Co. 461 Milwaukee Ave., Chicago 10, Ill. Silk screen equipment and supplies.

Neenah Paper Co., Neenah, Wis., Bond, ledgers, index bristol and specialty papers.

Nekoosa-Edwards Paper Co., Port Edwards, Wis. Bond, offset ledger, duplicator and mimeograph papers.

New England Newspaper Supply Co., 164 Fremont St., Worcester 3, Mass. Press blankets, tympans, stereotype supplies.

New England Quartz Co., 450 Seventh Ave., New York 1, N. Y. Graining sands.

○New Era Mfg. Co., 233 Central Ave., Hawthorne, N. J. Letterpress and offset presses, die cutting presses, fanfold machines, gathering machines.

New Jersey Wire Stitching Machine Co., 604 S. Second St., Camden 3, N. J. Stitching machines and stapling machines.

New York & Pennsylvania Co., 425 Park Ave., New York 17, N. Y. Bond, book, offset, duplicator envelope, mimeograph and rotogravure papers.

Newspaper Publishers Supply Co., 1639 N. Lorel Ave., Chicago 39, Ill. Machinery dealer.

Newton Machine Co., 211 High Ave., Cleveland 15, O. Composing machine and press repairers.

○Niles & Nelson, Inc., 75 West St., New York 6, N. Y. Offset press blankets, offset and newspaper press rubber rollers.

Nissenbaum, Irving, Inc., 114 W. 27th St., New York 1, N. Y. Machinery dealers.

○Nolan Corporation, 1333 E. Dominick St., Rome, N. Y. Composing room, photoengraving, stereotype, pressroom and bindery equipment.

Nolan Machinery Co., Port St., Pulaski, N. Y. Type high gauge; newspaper page makeup trucks.

Norma-Hoffman Bearings Corp., Stamford, Conn. Bearings.

Norman-Willets Graphic Supply Co., 316 W. Washington St., Chicago 6, Ill. Offset, photoengraving and silk screen equipment and supplies.

Norman, William A., 1133 E. 63rd St., Chicago 37, Ill. Paper handling trucks and magnesium roll paddles.

North American Products Corp., P.O. Box 210, Center Grove Rd., Edwardsville, Ill. Carbide tipped saw blades.

Northern Machine Works, 323 N. Fourth St., Philadelphia, Pa. Tag printing press and tag making machine, offset press, paper cutters, machinery dealers.

Northwest Paper Co., Cloquet, Minn. Bond, ledger, book, specialty, bristol, cover, offset, postcard, mimeograph, envelope and duplicator papers.

Northwestern Electric Co., 1750 N. Springfield Ave., Chicago 47, Ill. Motors for printing machinery, variable speed drives.

○Novak Company, Inc., The, 118 Waynewood Park, Plainfield, N. J. Belt copy conveyor systems.

Nu-Film Products Co., Inc., 56 W. 22nd St., New York 10, N. Y. Stencil sheets for silk screen process.

nuArc Company, Inc., 824 S. Western Ave., Chicago 12, Ill. Motor driven arc lamps, vacuum printing frames, and light tables, plate and film storage cabinets, dark room safelights, vacuum blankets.

Nygren-Dahly Co., 1422 W. Altgeld St., Chicago 14, Ill. Numbering machines and bindery equipment; one to four color flexographic press.

O

○Offen, B., & Co., 29 E. Madison Ave., Chicago 2, Ill. Air conditioning equipment and supplies; offset preventing equipment.

Ohio Art Materials Co., 2174 E. Ninth St., Cleveland 15, O. Silk screen and sign supplies.

Ohio Knife Co., The, B. & O. Railway and Dreman Ave., Cincinnati 23, O. Paper trimming knives; doctor and fountain blades.

Ohio Roller Co., Inc., 4408 Detroit Ave., Cleveland 13, O.; 6333 E. Canfield Ave., Detroit 7, Mich. Printers rollers, trucks and cores, graining and coating rollers.

Ohio Wiping Cloth Mfg. Co., The, 1600 Woodland Ave., Cleveland 15, O. Wiping cloths.

Oilgear Company, The, 1560 W. Pierce St., Milwaukee 4, Wis. Motors and controls.

OlsenMark Corporation, 124 White St., New York 13, N. Y. Mechanical overlay and stamping press, specialty inks, leaf.

Ortleb Machinery Co., 3818 Laclede Ave., St. Louis 8, Mo. Ink agitators, printers' machinists, electric-lighted magnifiers.

Ortman-McCain Co., 1330 W. Washington Blvd., Chicago 7, Ill. Wet and dry spray equipment, solutions and powders to prevent offset on printing presses.

Ostrander Seymour Co., The, 1710 N. 25th Ave., Melrose Park, Ill. Photoengraving, stereotype and electrotype platemaking machinery.

O'Sullivan Composition Co., 491 Broadway, New York 6, N. Y. Slide rule for printers.

Oxy-Dry Sprayer Corp., 1134 W. Montrose Ave., Chicago 13, Ill. Anti-offset spray equipment powders, and sheet cleaners.

Ozalid Division, General Aniline & Film Corp., Ansco Road, Johnson City, N. Y. Ozalid and Ozachrome film used for black and color proofing and reproduction purposes in the Graphic Arts. Ozalith presensitized aluminium and paper offset plates, fountain solutions, developing solutions, direct image paper plates, illuminated tracing units.

P

Paasche Airbrush Co. Div., Cline Electric Mfg. Co., 1909 Diversey Pkwy., Chicago 14, Ill. Offset preventing equipment; portable cleaning blowers.

Pabich, W. R., Mfg. Co., Inc., 2323 N. Knox Ave., Chicago 18, Ill. Stitching machines, hydraulic paper lift; machinery dealer.

Pace Manufacturing Co., The, 764 Ninth St., Des Moines, Ia. Silk screen printing press.

Packer Manufacturing Co., 1222 Velp Ave., Green Bay, Wis. Paper processing equipment, flexographic printing presses, rewinders, folding carton machinery, gathering machines, collators, die cutters and creasers, rotary sheeters, joggers.

Palmer, E. C., & Co., Div. Western Newspaper Union. Branches: 2201 Laws St., Dallas 21, Tex.; 802 Walnut St., Houston 1, Tex.; 2300 N.W. 23rd St., Miami 52, Fla.; 8645 Peters St., New Orleans 7, La.; 302 N. Willow Ave., Tampa 1, Fla. Printing and bindery machinery and supplies.

Paper Converting Machine Co., 2300 S. Ashland Ave., Green Bay, Wis. Special printing presses for metal decorating, bag, container, check, rubber plate and embossing work, carton printing presses with automatic speeds.

○Paper Manufacturers Co., 9800 Bustleton Ave., Philadelphia 15, Pa. Gummed and Teletypesetter tape; mailing, listing and metallic papers.

Para-Flex Plate Corp., 21 E. 17th St., New York 3, N. Y. Equipment, tools and material for producing non-metallic printing plates of all types.

Parazin Corporation, 208 Mill St., Rochester 4, N. Y. Rubber composition plates for letterpress, oil or water color printing, flexographic and gravure printing rollers.

Parker, Joseph, & Son Co., Inc., 1155 Whalley Ave., New Haven 15, Conn. Blotting paper.

Parks-Cramer Co., Newport St., Fitchburg, Mass. Humidifying equipment.

Parnat Business Machines Corp., 1816 Boston Rd., New York 60, N. Y. Automatic gathering and inserting machine for signatures, greeting cards, magazines, booklets and the like, collator and stitcher, envelope inserter, gatherer and folder.

Parsons & Whittemore, Inc., 250 Park Ave., New York 17, N. Y. Electrotype, stereotype, pressroom and bindery machinery.

Partlow Corporation, 2 Campion Rd., New Hartford, N. Y. Gas and electric temperature controls.

Pasadena Hydraulics, Inc., 1433 Lidcombe, El Monte, Calif. Hydraulic presses for molding plastic and/or rubber printing plates.

○Pate Company, The, 3553 Peterson Ave., Chicago 45, Ill. Machinery dealers.

Paterson Parchment Paper Co., Bristol, Pa. Tympan, parchment and specialty papers.

Pavey, Van R., 305 E. 46th St., New York 17, N. Y. Copy fitting system.

Pavyer Printing Machine Works, 600 S. Broadway, St. Louis 2, Mo. Used machinery; printers' machinists.

Payne, Ernest, Corp., 82 Beekman St., New York 38, N. Y. Machinery dealers, rubber platemaking, new and used offset presses, cameras and platemaking equipment.

Pearce Development Co., 1606 E. 30th St., Cleveland 14, O. Tag printing and fabricating presses; collating machine.

Peck, James I., (Registered) 47 High St., West Orange, N. J. Machinery dealer.

Peerless Roll Leaf Co., Inc., 4511 New York Ave., Union City, N. J. Roll leaf feeding attachment for platen press, stamping presses, gold leaf, imitation gold leaf, carton imprinter.

Pelouze Manufacturing Co., 1218 Chicago Ave., Evanston, Ill. Tension friction measuring devices, postal scales.

Penco Division, Alan Wood Steel Co., Oaks, Pa. Steel lockers, shelving and cabinets.

Perfection Type, Inc., 35 E. Kellog Cedar, St. Paul, Minn. Type, supplies and accessories; printers' machinists.

Perkins, B. F., & Son, Inc., P.O. Box 388, Holyoke, Mass. Paper testing instruments.

Permacel-LePage's, Inc., U. S. Highway No. 1, New Brunswick, N. J. All types of adhesives; padding compound; photoengraving glue; tapes for offset platemaking and bindery use.

Petersen Mfg. Co., 18 Sebago St., Clifton, N. J. Matrix cut storage, operator's copy and galley storage cabinets.

Peterson Pacific Parchment Co., 1400 Kifer Rd., Sunnyvale, Calif. Tympan, parchment and specialty papers.

Philips, H. W., Co., Inc., 708 Vermont St., Boston, Mass. Machinist's tools.

Photon, Incorporated, 58 Charles St., Cambridge 41, Mass. Phototypesetting machine.

Photoswitch Division, Electronics Corp. of America, Cambridge 42, Mass. Electronic registration control.

Pierce Specialized Equipment Co., 350 Peninsular Ave., San Mateo, Calif. Spot gluing machine for business forms; portable collating trays, automatic patcher and eyeletter, tag patcher and/or eyeletter.

Pigments Division, Sun Chemical Corp., 10-10—44th Ave., Long Island City 1, N. Y. Artists colors, carbon paper, typewriter ribbon, printing ink colors.

Pioneer Rubber Engraving Co., 21 E. 17th St., New York 3, N. Y. Rubber, linoleum, plastic printing plates.

○Pioneer-Toledo Corp., 1130 Nebraska Ave., Toledo 7, O. Saw trimmers, paper drills and routers.

Pitman, Harold M., Co., 51st Ave. and 33rd St., Chicago 50, Ill.; 515 Secaucus Rd., Secaucus, N. J.; 3501 W. 140th St., Cleveland, O.; 230 W. 41st St., New York 36, N. Y.; 266 Summer St., Boston 10, Mass. Copper and zinc plates and supplies for photoengraving and offset platemaking and printing.

Pitney-Bowes, Inc., Walnut and Pacific St., Stamford, Conn. Postage meter machines; table model folding machine; addressing and mailing machines; counting, coding and imprinting machines; gathering and inserting machines.

Pittsburgh White Metal Co., 284 Hamilton Ave., Brooklyn 31, N. Y. Composing, electrotype and stereotype metals, line-up tables.

Plastic Binding Corp., 732 Sherman St., Chicago 5, Ill. Binding process.

Pneuma-Flo Systems, Inc., 141 W. 20th St., New York 11, N. Y. Offset preventing equipment and powders; anti-static powders, viscosity control equipment.

Pollard-Alling Mfg. Co., 220 W. 19th St., New York 11, N. Y. Addressing, strip printing, wrapper printing and wrapping machines, labeling machines.

Polychrome Corporation, 2 Ashburton Ave., Yonkers 2, N. Y. Presensitized offset printing plates and chemicals, inks, varnishes, blankets, masking paper, molleton covers, blanket solutions, solvents, ink knives.

Pope & Gray, Inc., 17 Industrial West, Allwood, Clifton, N. J. Letterpress, lithographic, label and metallic inks.

Popper & Sons, Inc., 300 Fourth Ave., New York 10, N. Y. Presses for printing glass vials, tubular objects, shirt bands, stocking tops, tickets, labels, etc., folding box imprinter, silk-screen printer.

Popular Mechanics Co., Attn.: William H. Taylor, 200 E. Ontario St., Chicago 11, Ill. Book and magazine counter and stacker and bagging machine.

Port Huron Sulphite and Paper Co., Washington Ave., Port Huron, Mich. Bond, cover, specialty and tympan papers.

Porte Publishing Co., 952 E. 21st St., S. Salt Lake City 6, Ut. Franklin printing catalog.

Portland Company, The, 60 Fore St., Portland 6, Me. Static eliminator for presses, folders, perforators, bronzers, varnishers, cutters, slitters, winders, etc.

Potdevin Machine Co., 297 North St., Teterboro, N. J. Paper bag machinery for making, printing, waxing, pasting, gumming and gluing; drying ovens, varnishing machine.

Potter Instrument Co., Inc., 115 Cutter Mill Rd., Great Neck, L. I., N. Y. Photoelectric stylus sheet counter and printing press counters.

Powers, Mark E., 7041 N. Monon St., Chicago, Ill. Industrial engineer, plant layout and analyses of production costs.

Precise Engineering Co., 430 W. Grant Pl., Chicago 14, Ill. Rotogravure press with plastic coating and fabricating units.

Precision Thermometer & Instrument Co., 1434 Brandywine St., Philadelphia 30, Pa. Laboratory and industrial thermometers.

Preferred Pressroom Products, Inc., 119 Foster St., Peabody, Mass. Bandless perforator for cylinder printing presses, machinery dealer.

Prentiss Wire Mills, Riverside-Alloy Metal Div., Porter, H. K., Co., 439 Dwight St., Holyoke, Mass. Bookbinders' wire.

Prescott, H. S., 238 Dwight St., Springfield 2, Mass. Letterpress and offset inks.

Press Filter Co., 848 N. Crescent Hts. Blvd., Los Angeles 46, Calif. Powder spray gun for platen and small cylinder printing presses, steel die cutting jackets.

Price Brothers & Co., Ltd., Quebec City, Quebec, Canada. Newsprint manufacturers.

Printcraft Representatives, 277 Broadway, New York 7, N. Y. Rebuilt machinery.

Printers Supply Service, 946 W. North St., Chicago 22, Ill. Dealers in printers' supplies.

Printing Developments, Inc., Subsidiary of Time, Inc., 9 Rockefeller Plaza, New York 20, N. Y. Color separation machine service, and offset multimetal plates.

Printing Industries Equipment, Inc., 168 Putnam Ave., Greenwich, Conn. Bindery machinery.

Printing Machinery Co., The, 436 Commercial Sq., Cincinnati 2, O. Bases, diagonal blocks and metal furniture, die cutting machine.

Printing Plate Supply Co., 561 W. Washington St., Chicago 6, Ill. Equipment for centrifugally casting and trimming curved electrotype plates and method for hydrocasting flat electrotypes; photoengraving and stereotype equipment, rotary proof press.

Process Color Plate Co., 1200 W. Monroe St., Chicago 7, Ill. Hand engraved rubber printing plates molded and hand cut bag and box dies, decorating rollers for flexographic ink printing, Multigraph plates, signature plates.

Process Engineering Co., 6435 North Central Ave., Chicago 46, Ill. Electroplating equipment and processes for the Graphic Arts dealer.

Protectoseal Company, 1920 S. Western Ave., Chicago 8, Ill. Washup fluid safety container.

Puglisi-Dutro, Inc., 117 W. Ninth St., Los Angeles 15, Calif. Rubber plate printing press; semi-automatic collator with automatic carbon pickup station and shear cutters; machine for coloring roll paper and slitting to desired widths; webregister control, tachometer, numbering wheels, paper micrometer, rubber plate molder, slitting and rewinding equipment, washup device, chucks.

Pyrene-C-O-Two Div., Fyr-Fyter Co., U. S. Highway 1, Newark 1, N. J. Fire detecting and extinguishing systems.

Pyrometer Instrument Co., Inc., 92 Portland Ave., Bergenfield, N. J. Surface, immersion and indicating pyrometers.

Q

Quality Control Corp., Automation Div., 401 Broadway, New York 13, N. Y. Matrix inspection and repair machines.

Quality Engraving & Electrotype Co., The, 436 Commercial Sq., Cincinnati 2, O. Flat and curved duplicate letterpress plates, plates for the trade.

R

○Radio Corp. of America, Industrial Electronic Products Div., Front & Cooper, Camden, N. J. Electronic conveyor counter, Electro-Typesetter system.

Ralya Saw Corp., 109 W. Second St., Cincinnati 2, O. Saw blades.

Ramsey Chain Co., Inc., Troy Rd., P.O. Box 4127, Albany 4, N. Y. Chain drives for printing presses and heavy machines.

Randolph Company, 1018 Rosine St., Houston 19, Tex. Pump for loading and unloading photoengraving acids.

Randolph Laboratories, Inc., 8 E. Kinzie St., Chicago 11, Ill. Fire extinguishers.

○Rapid Roller Co., 2558 S. Federal St., Chicago 16, Ill. Eastern Sales Offices, 218-224 Elizabeth Ave., Newark 8, N. J. Letterpress, offset and gravure rollers, offset press blankets and press packing.

Rathbun & Bird Co., Inc., The, 379 W. Broadway, New York 12, N. Y. Safety guards, automatic gas heaters for presses, and extension deliveries for presses; machinery dealers.

Raybestos-Manhattan, Inc., Manhattan Rubber Div., 61 Willett St., Passaic, N. J. Letterpress and offset inking rollers, rubber belting, rolls and hose.

Raymond Corporation, The, 160 Madison Ave., Greene, N. Y. Trucks.

Read Standard Corp., Div. Capitol Products, York, Pa. Ink mills; electric ink mixers and paddles.

Recht, William, Co., Inc., 50 Church St., New York 7, N. Y. Lithographic supplies.

Redington, F. B., Co., 3000 St. Charles Rd., Bellwood, Ill. Numbering machines, press counters, stools and seats.

Reeve Electronics, Inc., 605 W. Lake St., Chicago 6, Ill. Induction and Dialectric heaters, high frequency Sealer for binders and book covers utilizing plastic vinyl.

○Reeves Brothers, Inc., Vulcan Rubber Products Div., 54 Worth St., New York 13, N. Y. Press blankets, rubber and synthetic press rollers.

Reeves Pulley Co., Div. of Reliance Electric & Engineering Co., 1225 Seventh St., Columbus, Ind. Variable speed drives and pulleys.

Reid, William, Co., 2271 Clybourn Ave., Chicago 14, Ill. Magazine racks and motor drives; machinery dealers.

Reilly Electrotype Co., Div. of Electrographic Corporation, 305 E. 45th Ave., New York 17, N. Y. Electrotype and stereotype pre-makeready process.

Reliance Electric & Engineering Co., 24701 Euclid Ave., Cleveland 17, O. Motors, controls and tachometers.

Renz, Fred, & Sons, Inc., 7025—83rd St., Glendale, L. I. 27, N. Y. Ruling and banding machines.

Research Products Corp., 1015 E. Washington Ave., Madison 10, Wis. Industrial humidifiers, air filters.

Revere Copper and Brass, Inc., 230 Park Ave., New York 17, N. Y. Anodes for electrotypers.

Revolvator Company, 2096-86th St., North Bergen, N. J. Portable elevator, lift trucks, storage racks, paper feeding lifts, hand lift trucks.

Reynolds Printasign Co., 9830 San Fernando Rd., Pacoima, Calif. Display type printer for department store signs; newspaper display for photoengraving, and announcement cards.

Rich & McLean, Inc., 18 Jacob St., New York 38, N. Y. Composing machine molds, magazines and parts, machinery dealer.

○Richards, J. A., Co., 903 N. Pitcher St., Kalamazoo, Mich. Saws, routers, lead and rule cutters, paper box machinery, cutting forms and dies.

Richardson-Sovde Co., Inc., 700 S. Fourth St., Minneapolis 15, Minn. Newspaper and commercial plant layouts, machinery dealers.

Riegel Paper Corp., 260 Madison Ave., New York 16, N. Y. Tympan, tag and bristol papers.

Riehl Galley Lock Co., The, 748 E. 82nd St., Cleveland 3, O. End and side galley locks and type tie-up system.

Roberts, Lewis, Inc., 72 Union St., Newark 5, N. J. Letterpress and offset inks, varnishes and driers.

Roberts Numbering Machine Div., Heller Roberts Mfg. Corp., 700 Jamaica Ave., Brooklyn 8, N. Y. Typographic and press counters.

Roberts & Porter, Inc., 555 W. Adams St., Chicago 6, Ill. Offset platemaking and pressroom supplies.

Robertson Brothers, Inc., Englewood, N. J. Tipping machine and machinery dealers.

○Robertson Photo-mechanix, Inc., 7440 Lawrence Ave., Chicago 31, Ill. Gravure, offset and photoengraving equipment.

Rockefeller, J. W., Jr. and Associates, 640 Morris and Essex Turnpike, Short Hills, N. J. Consulting printing engineers.

Rogers, Harry R., Co., Inc., 5331 S. Cicero Ave., Chicago 32, Ill. Cleaning solvents, offset blanket and roller washes, and lubricating oils.

Rogers Isinglass & Glue Co., 210 Eastern Ave., Gloucester, Mass. Photoengraving glue and top enamel.

Rogers, Samuel C., & Co., Inc., 2070 Sheridan Dr., Buffalo 23, N. Y. Paper cutter knife grinders.

○Rolled Plate Metal Co., 196 Van Brunt St., Brooklyn 31, N. Y. Zinc, copper and magnesium plates.

Roloc, Incorporated, 4217 W. North Ave., Milwaukee 8, Wis. Color separation machine, illuminated transparency viewer and light table (can be used for stripping).

Roosen, H. D., Co., Div. Columbian Carbon Co., 380 Madison Ave., New York, N. Y. Inks.

○Rosback, F. P., Co., 5th and Park Sts., Benton Harbor, Mich. Perforators, punching machines and gathering machines, galley locks, bindery trucks.

Rosco Laboratories, 29 Moore St., Brooklyn 6, N. Y. Transparent sheeting for reproduction proofs, lithographic transfer paper, offset film, offset color correction filters, gravure tracing paper, frisket paper, film type fonts for reproduction.

Ross, Charles, & Son, Co., 148 Classon Ave., Brooklyn 5, N. Y. Ink mills.

Rotary Lift Co., Div. Dover Corp., 1054 Kansas St., Memphis 2, Tenn. Paper handling trucks.

Roth, David Z., & Co., 1235 Main Ave., Clifton, N. J. Dimensionally stable film for making photoengraving and offset negatives, molletons.

Rothlan Corporation, P.O. Box 5074, St. Louis 15, Mo. Open gear spray lubricant, spray anti-skinning agent for ink.

Rotobond Company, P.O. Box 69, Bound Brook, N. J. Laminating machine for applying acetate and other plastic films to book covers, displays, albums, charts, badges; laminating service.

○Rouse, H. B., & Co., 2214 N. Wayne Ave., Chicago 14, Ill. Band saws, plate saws, cutters, miterers, composing sticks, and other composing room equipment.

Rowell, W. Chas., 657 Tenth St., Brooklyn 15, N. Y. Double rolling inking device for Miehle vertical presses.

○Royal Zenith Corp., 180 Varick St., New York, N. Y. Single color offset printing press.

Royle, John, & Sons, 10 Essex St., Paterson 3, N. J. Saws, routers, router bits, plate beveling machines.

Rudow, William B., 135 Henry St., New York 2, N. Y. Machinery dealers.

Russell Supply Co., Inc., 80 Washington St., New York 6, N. Y. Auxiliary distributor for Kelly presses.

Rutherford Machinery Co., Div Sun Chemical Corp., 401 Central Ave., East Rutherford, N. J. Branch offices: 1215 W. Washington Blvd., Chicago 7; 280 Lagauchetiere St., East Montreal 18, Que., Canada; 821 Queen St., E., Toronto 8, Ont., Canada. Gravure, offset, and photoengraving equipment; printing presses, bronzing machines and other equipment.

Ryan, E. G., and Co., 153 W. Huron St., Chicago 10, Ill. Dealers in new and used sheet fed and roll fed letterpress and offset printing, camera, and platemaking and bindery equipment; forms presses and allied equipment; pressroom accessories, parts, service, and manufacturers washup device.

S

S & M Mfg. Co., 1714 Standard Ave., Glendale 1, Calif., Make-up and storage cabinets; page storage cabinets; linecomposing magazine racks, offset negative and plate cabinets.

S & W Machine Co., 26 Vine St., Cincinnati 2, O. Electrotype plate bending machine, paper cutter knives.

Sandblom Steel Chase Co., 426 S. Clinton St., Chicago 7, Ill. Electric welded steel chases.

Sanitary Wiping Cloth Co., 1550 Ridgley St., Baltimore 30, Md. **Wiping cloths.**

Saw and Knife Specialty Co., 6526 Carnegie Ave., Cleveland 3, O. Metal and wood cutting saws, sharpening service.

Schaefer Machine Co., 145 Front St., Bridgeport 6, Conn. Edge gluers and cementers.

Scheinker, Ilya, Mechanical Engineering, 35 Great Jones St., New York 12, N. Y. Mechanical engineering; paper joggers.

Schmidt, H., & Co., 317 S. Paulina St., Chicago 12, Ill. Equipment for photoengraving and offset platemaking.

Schriber Machinery Co., 4900 Webster St., Dayton 4, O. Bindery and supplementary equipment for snapout and continuous business forms, rotary forms presses.

Schriber Press Co., 4900 Webster St., Dayton 4, O. Web fed letterpress and offset press.

Schwartz Bros., Auctioneers, 277 Broadway, New York 7, N. Y. Auctioneers.

Schweizer, Chas. K., Co., 231 Russell Ave., St. Louis 4, Mo. Hydraulic, electric and steam vulcanizers for making rubber printing plates.

○Scott, Walter, & Co., Div. Wood Newspaper Machinery Corp., 525 South Ave., Plainfield, N. J. Newspaper, offset and rotogravure presses and stereotype machinery.

Selas Corp. of America, Dresher, Pa. Ink drying equipment for letterpress and offset presses, web driers, metal melting furnaces.

Service Engraving Works, Inc., 692 Broadway, New York 12, N. Y. Special matrices made to order for linecomposing and Ludlow machines; reverse type for Ludlow machine.

○Shaffstall Equipment, Inc., 1717 **Gent Ave., Indianapolis, Ind. Teletypesetter perforator justification control, assembler slide brake release and tape rewinder, perforator power shift.**

Sharp Tool Service Co., 5401 W. Lake St., Chicago 44, Ill. Paper cutting knives and sticks, electrotype saws.

○Sheridan, T. W. & C. B., Co., 220 Church St., New York 13, **N. Y. Embossing presses, cutters, die presses, stitchers, covers, binders for bookbinders; newspaper section inserting machine.**

Sherwin - Williams Co., The, Graphic Arts Div., 101 Prospect Ave., N.W., Cleveland 1, O. Silk screen process supplies, photographic opaque ink and sensitizer.

○Shidler, V. C., Products, 720 Milford St., Glendale 3, Calif. Knurling attachment for Elrod; gauge for angle composition.

Showcard Machine Co., 1456 Merchandise Mart, Chicago 54, Ill. **Showcard printing machines and supplies.**

Shredmaster Corporation, The, 9 E. 40th St., New York 16, N. Y. Paper shredding machines.

○Shulman, Ben, Associates, Inc. 60 E. 42nd St., New York 17, N. Y. Machinery dealer.

Shyers Bookbinding Corp., 212 Johnson Ave., Newark 8, N. J. Loose leaf binding devices used in catalogs and books.

Siebold, J. H. & G. B., Inc., 150 Varick St., New York 13, N. Y. Letterpress and offset inks, compounds, driers, varnishes.

Signode Steel Strapping Co., 2600 **N. Western Ave., Chicago 47, Ill. Wire machines, steel strap stretchers, wire and strapping.**

Sigwalt Manufacturing Co., 3229 N. Sheffield Ave., Chicago Ill. Printing presses.

○Simco Company, The, 920 Walnut **St., Lansdale, Pa. Transformers, motors, static eliminators, heaters, sheet warmers.**

Simonds Saw and Steel Co., 470 Main St., Fitchburg, Mass. **Paper cutter knives, cutting,** creasing and perforating rule **saws.**

Simonds Worden White Co., Summit St. at Negley Place, Dayton 7, O. Paper cutter knives, planers.

Simplex Gold Stamping Press Co., 55 W. 42nd St., New York 36, N. Y. Gold, color and black specialty imprinting presses and supplies.

Simplex Specialty Co., Inc., 116 W. 14th St., New York 11, N. Y. Print dryer.

Simplex Time Recorder Co., 40 S. Lincoln St., Gardner, Mass. **Job cost and payroll recorders; time stamps.**

Simpson, J. M., 120 Liberty St., New York 6, N. Y. Consulting engineer and equipment designer for the printing industry.

○Sinclair & Carroll Co., Inc., 440 W. Superior, Chicago 10, Ill. Printing and offset inks.

Sinclair & Valentine Co., 611 W. 129th St., New York 27, N. Y. Letterpress, gravure, offset inks, driers, compounds and varnishes; rubber blankets; transfer paper; lithographic chemicals.

SKF Industries, Inc., Front St. and Erie Ave., Philadelphia 32, Pa. Ball and roller bearings and graining balls.

Sleight & Hellmuth, Inc., 900 S. Clinton St., Chicago 7, Ill. Letterpress and offset inks, varnishes, driers and compounds.

Sloves Mechanical Binding Corp., 601 W. 26th St., New York 13, N. Y. Process binding, loose leaf binders, trade binding.

Smithe, F. L., Machine Co., Inc., 645 W. 44th St., New York 36, N. Y. Envelope making machinery.

Solar Gold Leaf Co., 216 Alabama St., Brooklyn 7, N. Y. Foil and leaf.

Sol-Dor Company, The, P.O. Box 585, Athens, O. Machines and solutions for simultaneous cleaning and lubrication of numbering heads and other precision mechanical devices.

Somerset Equipment Co., 441 Clay St., San Francisco 11, Calif. Used printing equipment.

Somerset Type Metal Co., 1220 Pennsylvania Ave., San Francisco 7, Calif. Type metals, rules and borders; thermometers.

Sossner Steel Stamps, Inc., 161 Grand St., New York 13, N. Y. Steel magazine and newspaper headings.

Southworth Machine Co., 30 Warren Ave., Portland 5, Me. Punches, cornering machines; joggers and special machinery; envelope printing press; humidifiers.

Specialty Automatic Machine Corp., 80 Cambridge St., Burlington, Mass. Special printing presses, folding, ruling and gluing machines.

Spiral Binding Co., Inc., Coliseum Tower, 10 Columbus Circle, New York 19, N. Y. Spiral coil making machines, punching dies and machines for binding books, directories and catalogs.

Sprayomatic Products Co., 750 Main St., Milford, O. Spraying equipment.

○Sta-Hi Corp., 235 W. Washington Blvd., Whittier, Calif. Stereotype mat formers; vacuum casting boxes; curved routers, form files for composing rooms; color plate register device; plate trucks.

Sta-Warm Electric Co., 553 N. Chestnut St., Ravenna, O. Electric glue pots.

Standard Mat Service, 415 S. President, Jackson 5, Miss. Machinery dealers.

Standard Paper Box Machine Co., Inc., 476 Broome St., New York 13, N. Y. Strip gluing machines.

○Standard Process Corp., 2704 W. Roscoe St., Chicago 34, Ill. Gravure printing equipment and **processes, Wale rotary press.**

Standard Rewashed Wipers Co., 3120 Shields Ave., Chicago, Ill. Washed and sterilized wiping cloths.

Standard Wiping Materials, 645 Dean St., Brooklyn 38, N. Y. Wiping cloths.

Star Cement Co., 190 Wyoming Ave., Maplewood, N. J. Cut cement and cut tape, marking ink for plates and tapes.

○Star Parts, Inc., 2 S. Main St., South Hackensack, N. J. Linecomposing machine parts, supplies and accessories.

Starrett, L. S., Co., Crescent St., Athol, Mass. Gauges and precision tools; knives and blades.

Static Eliminator Co., 239 Centre St., New York 13, N. Y. Heaters, oxidizers and neutralizers.

Staude, E. G., Mfg. Co., Inc., 2675 University Ave., St. Paul 14, Minn. Rotogravure, flexographic and rotary letterpress presses.

Steel City Printing Ink Co., 281 Corliss St., Pittsburgh 20, Pa. Offset and letterpress inks, varnishes, driers and compounds, spot carbon inks.

Stein, Hall & Co., Inc., 285 Madison Ave., New York 17, N. Y. Adhesives for bookbinders and carton sealing; anti-offset liquids and powders.

Stereotex Company, The, Newburyport, Mass. Automatic backing for newspaper stereotype mats.

Stereotype Equipment Co., 2062 Elston Ave., Chicago 14, Ill. Molding presses, humidors, driers; stereotype supplies.

Sterling Type Foundry, Charlotte, Mich. Type and type metal cuts.

Stewart, Don, Co., 445 Clay St., San Francisco 11, Calif. Machinery dealers.

Sticht, Herman H., Co., Inc., 27 Park Pl., New York 7, N. Y. **Static neutralizer bar, tachometers, thermometers and pyrometers.**

Stoessel Machine Mfg. Co., Inc., 534 W. 35th St., New York 1, N. Y. Printing presses.

Stokes, A., Co., Stokes Lane, Hudson, O. Thermography equipment and supplies.

Stolp-Gore Co., 123 S. Jefferson St., Chicago 6, Ill. Special machinery for printers and bookbinders, machinery dealers.

Strathmore Paper Co., Front St., West Springfield, Mass. Bond, book, bristol, cover, parchment and specialty papers.

Streamline Metal Feeder Co., 116 Walker St., New York 13, N. Y. Composing machine metal feeder.

Stripfounders, Incorporated, 4550 S. Federal St., Chicago 9, Ill. Type and rule.

Stromberg Time Corp., Sub. of General Time Corp., 135 S. Main St., Thomaston, Conn. Electric time clocks and recorders.

Strong Electric Corp., The, 87 City Park Ave., Toledo 1, O. **Arc lamps for photoengraving and offset.**

Studebaker Hydraulic Products Co., 1733 N. 33rd Ave., Melrose Park, Ill. Vulcanizing press for rubber and plastic plates and rubber stamps.

Stuebing Automatic Machine Co., 3424 Beekman St., Cincinnati 23, O. Metal edging machines, calendar slides.

Sullebarger, E. T., Co., 114 Liberty St., New York 6, N. Y. **Photoengraving and offset** equipment and supplies; dealer.

Super Speed Printing Machinery, Inc., 6520 Euclid Ave., Cleveland 3, O. Saws, saw trimmers, paper drills, corner cutters, bindery trucks.

Superior-Tabbies, Inc., 900 N. Franklin St., Chicago 11, Ill. Pressure sensitive acetate index tabs.

Surface Combustion Corp., 2375 Dorr St., Toledo 1, O. Type metal remelting furnaces; air conditioning.

Swift Engineering Co., 7001 N. Clark St., Chicago 26, Ill. Architectural and engineering service for printing plants.

Switzer Brothers, Inc., 4723 St. Clair Ave., Cleveland 3, O. Daylight fluorescent, letterpress, offset, gravure, and flexographic inks.

Syntron Company, 577 Lexington Ave., Homer City, Pa. Vibrating paper joggers.

T

Takk Corporation, P.O. Box 346, Newark, O. Static eliminators.

Tarpley, Geo., Co., P.O. Box 245, Chesterland, O. Routing bits.

Tasope Company, The, Tasope Bldg., Aurora, Mo. Offset and photoengraving equipment and supplies; powderless etching machine.

Tauber Plastics, Inc., 200 Hudson St., New York 13, N. Y. Equipment and materials for plastic binding.

Taylor, W. A., & Co., 7300 York Rd., Baltimore 4, Md. pH control apparatus.

Taylor Instrument Companies, 95 Ames St., Rochester 1, N. Y. Thermometers; indicating and control instruments for air conditioning, heating and ventilating equipment.

Taylor Machine Co., 210 Guilford Ave., Baltimore 2, Md. Device for registering form with copy.

Taylor Made Rule Co., 65 Flatbush Ave., Brooklyn 17, N. Y. Rule and borders.

Teaneck Chemical Co., 197 Washington Ave., Carlstadt, N. J. **Chemicals.**

Technical Service Co., 2118 South Bellaire, Denver 22, Colo. Consulting engineers specializing in newspaper plants.

Technicarbon Company, Inc., 85 Sargeant St., Holyoke, Mass. Onetime carbon paper in rolls, sheets, processed.

Telemat Corporation, 21 Lafayette St., Worcester 8, Mass. Padding presses.

○Teletypesetter (See Fairchilds Graphic Equipment, Inc.)

Tenacity Manufacturing Co., Cooper and Hosea Sts, Lockland, 15, O. Metal parts for loose leaf binders.

Tenak Products Co, 2615 N. Paulina St., Chicago 14, Ill. Molding medium for electrotypers and plate mounting material.

Tesch Manufacturing Co., 2121 N. Drew St., Appleton, Wis. Knife and saw filing and swaging machinery and saw trimmers.

Testing Machines, Inc., 72 Jericho Turnpike, Mineola, L. I., N. Y. Micrometer scales, gauges and paper testing instruments.

Thomas Collators, Inc., 50 Church **St., New York 7, N. Y. Gathering machines.**

Thompson Cabinet Co., Lake St., Ludington, Mich. Composing room cabinets, stands, typecases, tables and trucks.

Thomson-National Press Co., Dean Ave., Franklin, Mass. **Platen printing presses, embossers, die heaters, cutting and** creasing machines, machinery dealers for Bobst presses and equipment.

Tickle, Arthur, Engineering Works, Inc., 21 Delevan St., Brooklyn 31, N. Y. Reconditioning of printing press cylinders.

Tie Company, 14 Depot St., Unadilla, N. Y. Bundling and tying devices.

Tileston & Hollingsworth, 211 Congress St., Boston 10, Mass. Bond, book, cover, mimeograph, offset, and bristol papers.

Timken Roller Bearing Co., 1835 Dueber Ave., S. W., Canton 6, O. Bearings.

Timmons & Charles, 110 Academy St., Jersey City 2, N. J. Boiler or scale cleaning compounds.

○Tingue, Brown & Co., 1765 Carter Ave., New York 57, N. Y. Press and stereotype molding blankets.

Tintograph Company, 48 New Chambers St., New York 38, N. Y. Shading mediums.

Ti-Pi Company, 1000 Broadway, Kansas City 5, Mo. Engraving tools and material for rubber platemaking.

○Tirfing Printing Machinery, Inc., 400 Delancy St., Newark 5, N. J. Machinery dealers, distributors of Tirfing and Viking single color letterpress cylinder presses.

Tolerton Company, 265 N. Freedom Ave., Alliance, O. Mounting materials and cutting sticks.

Tompkins Printing Equipment Co., 712 S. Clark St., Chicago 5, Ill. Machinery dealers, cameras, platemaking, dispatch and composing room equipment.

Ton-Tex Corp., 247 Pearl St., N.W., Grand Rapids 2, Mich. Rubberized tape, belts and belting.

Tork Time Controls, Inc., 52 McQuesten Parkway, Mt. Vernon, N. Y. Clock controlled switches and time clocks.

Toronto Star, The, Ltd., 275 Albany Ave., Toronto 4, Canada. Newspaper bundling and tying machines.

Towmotor Corporation, 1224 E. 152nd St., Cleveland 10, O. Paper handling trucks.

Transilwrap Company, 4427 N. Clark St., Chicago 40, Ill. Plastic stocks for reproduction **proofing, wrappers and bindery use.**

Transkrit Corporation, 704 Broadway, New York 3, N. Y. Hot spot carbonizing for the trade. Branch office: 633 Plymouth Court, Chicago 5, Ill.

Trapp & Kuehnle Inc., 253 Pearl St., New York 38, N. Y. Typewriter ribbon attachment for platen presses.

Treyco Products Co., 149 Longmeadow Rd., Buffalo 26, N. Y. Sharpening fixtures and stands for grinding saws of all kinds.

Triangle Ink & Color Co., 329 E. 29th St., New York 17, N. Y. Inks for all processes, compounds, driers, varnishes and offset preventing spray.

Trion, Inc., 1000 Island Ave., McKees Rocks, Pa. Equipment for eliminating floating offset particles and ink mist.

Triplet Gauge, 14 Vandewater St., New York 38, N. Y. Plate gauges and tympan papers.

Triumph Equipment Engineers, 6504 Walker St., Minneapolis 26, Minn. Proof presses, saws, press punches, ink fountains, job press grippers and type high gauge.

Troy Engine and Machine Co., 739 Parsons St., Troy, Pa. Ink mills and mixers.

Tufcrete Company, Inc., 502 E. Locust St., Des Moines 9, Ia. Floor maintenance materials.

○Turner Printing Machinery, Inc., 6510 Euclid Ave., Cleveland, O. Machinery dealers.

Twin City Lino Service, Inc., 2350 Highway 100 S., Minneapolis 16, Minn. Linotype service and dealer.

Twin City Printers Roller Mfg. Co., 565 S. Third St., Minneapolis 15, Minn. Composition rollers.

Type and Press of Illinois, Inc., 3312 N. Ravenswood Ave., Chicago 13, Ill. Machinery dealers.

Typefounders, Inc., 617 E. Washington St., Phoenix, Ariz. Foundry type.

Typesetting Machine Engineers, 5847 Lawrence Ave., Chicago 30, Ill. Method for reprocessing hot metal machine matrices; new matrices for hot metal composing machines.

U

Ulano Products Co., 610 Dean St., Brooklyn 38, N. Y. Silk screen film, masking film, opaque, swivel knife.

Uni-Mark, Inc., 23 E. 26th St., New York, N. Y. Fabricated leather for bookbinding.

Union Rubber & Asbestos Co., 232 Allen St., Trenton 6, N. J. Adhesives.

Unique Steel Block Co., Inc., 304 Chemung St., Waverly, N. Y. Register base for presses, chase blocks, clamps.

United American Metals Corp., 2246 W. Hubbard St., Chicago 12, Ill. Metals, metal flux, metal remelting furnaces and pig molds. Branch offices: 193 Diamond St., Brooklyn 22, N. Y.; Charlotte 6, N. C.; San Francisco 7, Calif.; Los Angeles 58, Calif.

United Camera Co., Inc., 3021 N. Lincoln, Chicago 13, Ill. Bellows for cameras.

United Printing Ink Laboratories, Inc., 1940 E. Letterly St., Philadelphia 25, Pa. Letterpress and offset printing inks, metallic powders, ink mixer, varnish kettle.

United Shoe Machinery Corp., 140 Federal St., Boston 7, Mass. Eyeletting machines.

United States Radium Corp., Morristown, N. J. Static eliminator.

United States Rubber Co., 1230 Avenue of the Americas, New **York 20, N. Y. Blankets and** rubber rollers.

United Stereotype Supply Corp., P.O. Box 38, West Lynn, Mass. **Mat trimmer, pocket type metal thermometer, and stereotype supplies.**

Unitronics, Incorporated, 472 Paul Ave., St. Louis 21, Mo. Light integrating device for platemaking cameras, high speed electric eye counters and plate depth microscope.

Universal Jogger Co., Inc., 322 S. Fourth St., Minneapolis 15, Minn. Jogging machines.

○**Universal Mono-Tabular Corp.,** 715 N. Central Expressway, Richardson, Tex. Broach rule and slug cutter, strip caster.

U. S. Electrical Motors, Inc., **200 E. Slauson Ave., Los Angeles 54, Calif. Motors, variable** speed drives.

○U. S. Printing Ink Corp., 66 Industrial, Little Ferry, N. J. Offset and letterpress inks.

U. S. Stoneware Co., Tallmadge Ave., Akron 9, O. Etching machines, tubs for etching zinc and copper plates.

U. S. Wiping Cloth Co., Third and Lynch Sts., St. Louis 18, Mo. Wiping cloths.

Utility Heater Co., 239 Centre St., New York 13, N. Y. Heaters, oxidizers and machinery dealers.

V

Vacuumatic North America, Inc., Chrysler Bldg., 405 Lexington Ave., New York 17, N. Y. Stack paper counting machines which count 1500 sheets per min. automatically.

Valley Manufacturing Co., Valley, Neb. Expansion chucks.

Valley Paper Co., Holyoke, Mass. Rag content bonds, ledgers, onion skin, and specialty papers.

○**Vandercook & Sons, Inc., 3601 W. Touhy Ave., Chicago 45, Ill. Proof presses, test presses,** block leveler, plate gauges, lite-base test blocks, premake-**ready and press makeready systems,** offset proof press.

Vapo Systems Co., 130-32 W. Home Ave., Villa Park, Ill. Equipment for moisturizing roll paper at high press speeds.

Vari-Typer Corporation, 720 Frelinghuysen Ave., Newark 5, N. J. Justifying typewriters for photomechanical reproduction; photolettering machine.

Veeder-Root, Inc., 70 Sargeant St., Hartford 2, Conn. Press counters.

Vermont Marble Co., 61 Main St., Proctor, Vt. Marble imposing surfaces and ink slabs.

○Verner, B., & Co., Inc., 52 **Duane St., New York 7, N. Y. Cylinder imprinting and envelope presses.**

Vibration Eliminator Co., 10-28—47th Ave., Long Island City 1, N. Y. Vibration eliminating equipment.

Viking Engraving Corp., The, 1432 N. Grant Ave., Columbus 1, O. Rotogravure engraved cylinders.

Virkotype Corporation, 111 Rock **Ave., Plainfield, N. J. Raised letter machinery and powders.**

Visual Plant Layouts, Inc., Pennsylvania Ave. at River, Oakmont, Allegheny County, Pa. Two and three dimensional plant layout methods.

Vogt Roller Co., Inc., 222 S. 12th St., Louisville 3, Ky. Branch office: 526 N. Western Ave., Chicago 12, Ill. Composition and rubber rollers for offset, letterpress, newspaper and graining machines.

W

Walbert Machine Co., 819 E. 19th St., Kansas City 8, Mo. Skid lift, envelope printing presses.

Waldron, John, Corp., River Rd., New Brunswick, N. J. Rotogravure, offset and flexographic presses, embossing presses, coating machines, slitting and rewinding equipment.

Walker, E. H., Supply Co., Inc., 140 Que St., N. E., Washington 2, D. C.; 614 E. Main St., Richmond 19, Va. Gravure, offset and photoengraving equipment and supplies.

Walton Laboratories, Inc., 1186 Grove St., Irvington 11, N. J. Humidifiers and dehumidifiers, humidity controls.

Wapakoneta Machine Co., E. North St., Wapakoneta, O. Paper knives.

Wardwell Manufacturing Co., 3805 Ridge Rd., Cleveland 9, O. Saw sharpening equipment.

Warren, S. D., Co., 89 Broad St., Boston 1, Mass. Central Mill. 2400 Lake Shore Dr., Muskegon, Mich. Book, coated board and paper, offset, postcard and specialty papers; reproduction proof stock.

Watervliet Paper Co., Watervliet, Mich. Book, coated, offset and specialty papers.

Wax Refining Co., 2001 S. California Ave., Chicago 8, Ill. Printing ink compounds and reducers, offset preventing spray gun solutions and wax ink conditioner for process colors.

Webb Machine Works, 1252 Dalzell **St., Shreveport, La.** Hand trucks, carts, proof presses, mailing room conveyors.

Webendorfer Company, Saugatuck, Conn. Web offset, rotary letterpress and silk screen textile printing presses.

Wehrung & Billmeier Co., 3624 Lincoln Ave., Chicago 13, Ill. Foil and leaf.

Welch, W. M., Mfg. Co., 1515 Sedgwick St., Chicago 10, Ill. Reflection and transmission densitometers for determining negative densities and ink film thicknesses.

Wells Manufacturing Co., 1701 S. Main St., South Bend 23, Ind. Plate mounting base.

○Wesel Manufacturing Co., 1141 **N. Washington Ave., Scranton** 9, Pa. Composing room, electrotyping, photoengraving, stereotyping, offset, and press room equipment.

West Virginia Pulp and Paper Co., 230 Park Ave., New York 17, N. Y. Bond, book, bristol, coated board and paper, cover, offset, postcard, press board, rotogravure, specialty, tag, kraft, envelope, mimeograph and duplicator paper.

Westcott & Thomson, Inc., 1027 Arch St., Philadelphia 5, Pa. Plate separator, electrotype straight line backing-up unit, vacuum stereotype casting boxes, rubber plates.

Western Bellows Co., 5234 Valley Blvd., Los Angeles 32, Calif. Bellows for cameras.

Western Brush Co., 219 S. Western Ave., Chicago 12, Ill. Static **eliminator brush for printing presses.**

Western Newspaper Union, Printing Machinery Dept., 310 E. 45th St., New York 17, N. Y. Branches: 15 N. 22nd St., Billings, Mont.; 144 High St., Boston 10, Mass.; 210 S. Desplaines St., Chicago 6, Ill.; 22 E. 12th St., Cincinnati 10, O.; 300 E. Long St., Columbus 15, O.; 3240 Tejon St., Denver 11, Colo.; 108 W. Seventh St., Des Moines 3, Ia.; 2211 Grand River Ave., W., Detroit 1, Mich.; 402 Fourth Ave., N., Fargo, N. Dak.; 304 W. 10th St., Kansas City 5, Mo.; Y St. at 20th, Lincoln, Neb.; 500 E. Second St., Little Rock, Ark.; 395 S. Front St., Memphis 2, Tenn.; 217 N. Harvey St., Oklahoma City 1, Okla.; 72 First Ave., Pittsburgh 22, Pa.; 126 Pierpont Ave., Salt Lake City 10, Ut.; 1812 Van Loan St., Shreveport 69, La.; Fifth and Virginia Sts., Sioux City 2, Ia.; 601 E. Fourth St., Tulsa 3, Okla.; 201 S. St. Francis Ave., Wichita 1, Kan. Printing and bindery machinery and supplies.

Western Printing Machinery Co., 3519 N. Spaulding Ave., Chicago 18, Ill. Honeycombed plate cylinders for printing presses, and rotary color units for Miehle presses.

Western Roto Engravers, 1225 6th St., Berkeley 10, Calif. Cylinder sleeve and platemaking for the trade.

Western States Envelope Co., 1616 W. Pierce St., Milwaukee 46, Wis. Envelopes.

Weston Electrical Instrument Corp., Sub. of Daystrom, Inc., 614 Frelinghuysen Ave., Newark 12, N. J. Moisture indicators, metal thermometers and pyrometers, humidifiers and humidity controllers.

○**Wetter Numbering Machine Co., Atlantic Ave. and Logan St., Brooklyn 8, N. Y. Numbering machines.**

Wheelwright Div., Mead Papers, Inc., Leominster, Mass. Blanks, bristol and cover papers.

○White, Sid, 132 Nassau St., New York 38, N. Y. Auctioneer and appraiser.

Whiting-Plover Paper Co., Stevens Point, Wis. Bond, ledger and specialty papers.

Whitmore Manufacturing Co., The, 3816 Iron Court, Cleveland 4, O. Lubricants.

Wickwire Spencer Steel Co., 575 Madison Ave., New York, N. Y. Wire.

Wiebking Engraving Co., 1133 W. Newport Ave., Chicago 13, Ill. Special engraved matrices for composing machines.

Wild & Stevens, Inc., 45 Industrial Pl., Newton Upper Falls, Mass. Letterpress, gravure, and offset rollers; machinery dealers.

Will-Lo Products, 4518 N. Winchester, Chicago 40, Ill. Platen **press grippers.**

Williamson & Company, Inc., P.O. Box 71, Caldwell, N. J. Direct pressure presses and equipment for electrotype, plastic, rubber and stereotype molding.

Wilsolite Corporation, 1827 Niagara St., Buffalo 7, N. Y. Matrix material for rubber and/or plastic plate welding; offset blankets.

Wing, L. J., Mfg. Co., Linden, N. J. Air conditioning equipment.

Wing's, Chauncey, Sons, 78 Pierce St., Greenfield, Mass. Mailing label machine.

Winn & Goodman, 440 Sansome St., San Francisco 11, Calif. Composition rollers and padding compound.

Winslow Ink Corp., 104 Greene St., New York 12, N. Y. Letterpress and offset inks.

Winton Engineering Co., 2353 May St., Cincinnati, O. Dry powder offset and spray scanner, stack unloader board and sheet scanner for inspection and makeready markup.

○Wiretyer Corporation, 65 Leliarts Lane, East Paterson, N. J. Newspaper and magazine materials handling equipment, automatic strapping and wire tying equipment, engineered systems.

Wise, Incorporated, 1420 Western Ave., Pittsburgh 33, Pa. Printing machinery and supplies dealer.

Wolfer Printers Supply, Inc., 1221 Maple Ave., Los Angeles 15, Calif. Automatic gas burners **and machinery dealers.**

Wolverine Paper Converting Machinery Corp., 18584 Fitzpatrick Ave., Detroit 28, Mich. Flexographic printing presses, slitting and rewinding equipment, box and carton equipment.

Wood Flong Corp., Davis St., Hoosick Falls, N. Y. Newspaper syndicate, and advertising mats for stereotyping; stereotype equipment and supplies.

Wood Newspaper Machinery Corp., 688 S. Second St., Plainfield, N. J. Newspaper presses and stereotyping equipment.

Worthington, Emory W., and Associates, 957 E. Glen Ave., Ridgewood, N. J. Engineering and consulting service to equipment manufacturers and to publishing and printing plants.

Wynn Manufacturing Co., Seventh and Green Sts., Philadelphia 23, Pa. Gold hot stamping presses; foil and leaf.

Wyomissing Paper Products, Div. Narrow Fabric Co., 19 S. Second Ave., West Reading, Pa. Flint glazed metallic and mat papers.

Y-Z

Yale & Towne Mfg. Co., 11000 Roosevelt Blvd., Philadelphia 15, Pa. Paper handling trucks.

Yeager Newspaper Machinery Supply Co., P.O. Box 3974, San Juan, Puerto Rico. Machine for cleaning ink pump boxes, portable ink fountains, dross sifting equipment, stereotype mat seasoning compound to reduce packing.

York Corporation, Roosevelt Ave., York, Pa. Air conditioning equipment.

Young Engineering Co. 2435 N. Sheffield Ave., Chicago 14, Ill. Roll feed platen, flexographic, rotogravure and special presses, bag making equipment, box and carton equipment, macerating machine, slitters and rewinders, and special machinery.

Young, Paul O., Line Lexington, Pa. Hand and platform trucks.

Zarkin Machine Co., Inc., 180 Varick St., New York, N. Y. Equipment for offset platemakers.

Zeiss, Carl, Inc., 485 Fifth Ave., New York 17, N. Y. Magnifying and reducing glasses, lenses, mirrors and prisms for cameras.

Zernickow, O., Co., 15 Park Row, New York 38, N. Y. Tachometers.

Zimmer Printers Supply Co., Inc., 72 Beekman St., New York 38, N. Y. Machinery dealers; steel cutting, creasing and perforating rule.

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Written for Machinist-Operators, Machinists, Superintendents and Students

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1959 Printing Press Specifications

LETTERPRESS, OFFSET, GRAVURE, DIE STAMPING, SCREEN PROCESS

Maximum and Minimum Sheet Size, Inside Chase Capacity or Maximum Plate Area and Impressions per Hour on Platen, Cylinder and Rotary Letterpress Machines, Wet and Dry Offset Presses, Newspaper Presses, Flexographic Presses, Sheet- and Roll-feed Gravure Presses, Die Stamping Presses, and Screen Process Presses, according to manufacturers' specifications

(PRINTING PRODUCTION has taken every precaution in compiling these tables to furnish specifications exactly as sent by manufacturer. For that reason, we cannot be responsible for errors.)

PLATEN PRESSES

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Shipping Weight Equipped	Floor Space (Inches)
Chandler & Price, Pilot Press, 6½x10[1]	7¼x12½	1½x3	6½x10	Hand Feed	200 lbs.	22½x34
Chandler & Price, NS, 8x12[1]	9 x12½	1⅞x3⅜	8 x12	3,000	1,319 "	40½x48
Chandler & Price, NS, 10x15[1]	11 x15½	1⅞x3⅜	10 x15	2,700	1,630 "	47 x55
Chandler & Price, NS, 12x18[1]	13 x19	1⅞x3⅜	12 x18	2,500	2,275 "	55½x60
Chandler & Price, NS, 14½x22[1]	15 11/16x23¼	3¼x5	14½x22	1,800	2,844 "	62½x67
Chandler & Price Craftsman Automatic Unit 14½x22[1]	15 11/16x23¼	3¼x5	14½x22	2,600	3,925 "	62 x75
Chandler & Price Super Hvy. Duty Craftsman 14½x22[1]	15 11/16x23¼	3¼x5	14½x22	2,300	5,100 "	62 x75
Chandler & Price Box Press, 14½x22[1]	15 11/16x35	3¼x5	14½x22	1,800	2,870 "	62½x67
Chandler & Price Side Delivery Craftsman Unit, 10x15[1]	11 x17	1⅞x3⅜	10 x15	4,500	3,050 "	51 x65
Chandler & Price Side Delivery Craftsman Unit, 12x18[1]	13 x19	1⅞x3⅜	12 x18	4,000	3,800 "	59 x67
C-M-C Jobbers[2]	7¾x11½	.....	7 x11	Up to 3,500	605 "	36x24
C-M-C Victory Hand Press[2]	4½x 6⅝	.....	4½x 6⅝	.....	72 "	12x24
C-M-C Imperial Hand Press[2]	5x8	.....	5x8*	.....	100 "	.....
C-M-C Superior Hand Press[2]	6½x10	.....	6½x10*	.....	175 "	22x34
Heidelberg 10x15[46]	10¼x15	1½x2¾	10¼x13¾*	Up to 5,000	2,950 "	54x64†
Heidelberg 12x18[46]	13⅜x18⅛	3½x4	12⅝x17¾*	Up to 4,000	5,600 "	64x86†
Kluge Automatic 10x15[4]	12 x16	1⅞x3	10½x15⅝	4,000	2,800 "	48x74
Kluge Automatic 12x18[4]	14 x19	1⅞x3	13 x19	3,500	3,750 "	56x82
Kluge 10x15 Combination Die-Cutting and Printing[4]	12 x16	1⅞x3	10½x15⅝	4,000	3,000 "	48x74
Kluge 12x18 Combination Die-Cutting and Printing[4]	14 x19	1⅞x3	13 x19	3,500	3,945 "	56x82

(Continued on Next Page)

Key Reference Numbers of Press Manufacturers

(See Manufacturers' Index for complete addresses of companies listed below.)

1—Chandler & Price Co.
2—Craftsmen Machinery Co.
3—E. G. Staude Mfg. Co.
4—Brandtjen & Kluge, Inc.
5—Miller Printing Machinery Co.
6—American Type Founders, Inc.
7—The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
8—B. Verner & Co., Inc.
9—Babcock Printing Press Co.
10—Challenge Machinery Co.
11—New Era Mfg. Co.
12—The Cottrell Company, Sub. of Harris-Intertype Corp.
13—Walter Scott & Co., Div. of Wood Newspaper Machinery Corp.
14—Model Printing Equipment Corp.
15—Champlain Co., Inc.
16—George Hantscho Co., Inc.
17—The Goss Company, Div. Miehle-Goss-Dexter, Inc.
18—The Hamilton Tool Co.
19—Hess & Barker
20—R. Hoe & Co., Inc.
21—Hudson Sharp Machine Co.
22—Kidder Press Co.
23—Dilts Div., The Black-Clawson Co., Inc.
24—Willsea Works
25—Harris-Seybold Co., Div. of Harris-Intertype Corp.
26—Stoessel Machine Mfg. Co.
27—Orville Dutro & Son, Inc.
28—Southworth Machine Co.
29—Rutherford Machinery Co., Div. Sun Chemical Corp.
30—Schriber Press Co.
31—Potdevin Machine Co.
32—Frostad Engineering Co.
33—Wood Newspaper Machinery Corp.
34—Young Engineering Co.
35—H. H. Heinrich, Inc.
36—Haida Engineering Co.
37—Wolverine Paper Converting Machinery Corp.
38—Banthin Engineering Co.
39—Cronite Co., Inc.
40—Consolidated Intl. Equipment and Supply Co.
41—Thomson-National Press Co.
42—Pearce Development Co.
43—Paper Converting Machine Co.
44—George F. Motter's Sons
45—Precise Engineering Co., The
46—Heidelberg Automatic Presses
47—General Research & Supply Co.
48—Dependable Compressor & Machine Co.
49—Standard Process Corp.
51—Lawson Printing Machine Co.
53—R. W. Crabtree & Sons (Canada) Ltd.
54—Davidson Corporation
55—Royal Zenith Corp.
56—Machinery Div., Fred'k H. Levey Co., Inc.
57—Tirfing Printing Machinery, Inc.

PLATEN PRESSES—(Continued from Preceding Page)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Shipping Weight Equipped	Floor Space (Inches)
Thomson Laureate Light Embossing and Stamping Press[41]	.....	.....	14 x22*	.....	.....	.....
Thomson Heavy Embossing and Stamping Press[41]	.....	.....	12½x18½	Up to 2,000	.....	.....
Thomson Heavy Embossing and Stamping Press[41]	.....	.....	18 x24	Up to 1,800	.....	.....
Thomson Cutting and Creasing Press, crank-action type, Style 6[41]	.....	.....	22 x32	720 to 2,160	7,648 "	.....
Thomson Cutting and Creasing Press, crank-action type, Style 6[41]	.....	.....	28 x41	750 to 2,250	9,782 "	.....
Thomson Cutting and Creasing Press, eccentric action type, Style 9-6[41]	.....	.....	28 x41	Variable Speed Motor 935 to 1,870 V. S. Transmission 793 to 2,380	With V.S. Motor Hand Clutch 12,650 Elec. Clutch 12,950 With V.S. Trans. Hand Clutch 12,790 Elec. Clutch 13,090	105 x 119 105 x 119 105 x 119 105 x 119
Thomson Cutting and Creasing Press, crank-action type, Style 6[41]	.....	.....	33 x47	630 to 1,890	15,207 lbs.	125x129
Thomson Cutting and Creasing Press, combination action type[41]	.....	.....	38 x54	600 to 1,800	22,790 "	169x142
Thomson Cutting and Creasing Press, combination action type[41]	.....	.....	44 x66	600 to 1,800	30,530 "	138x 93
Thomson Laureate Printing Press[41]	.....	.....	14 x22	900 to 2,500	3,585 "	53x 54
Thomson Colt's Armory Printing Press[41]	.....	.....	14 x22	900 to 2,000	3,030 "	48x 51
Thomson Automatic Heavy Duty[41]	.....	.....	17 x25	Up to 2,400	9,200 "	90x121

*Inside chase dimensions.
†Floor space with tables included.

[1]Chandler & Price Co.
[2]Craftsmen Machinery Co.
[4]Brandtjen & Kluge, Inc.
[41]Thomson-National Press Co.
[46]Heidelberg Automatic Presses

ROLL-FEED HIGH SPEED PLATEN MACHINES

MAKE AND MODEL	Max. Web Width (Inches)	Inside Chase Dimensions (Inches)	Max. Paper Feed p.l.	Number feeds possible p.l.	Impressions Per Hour	Weight Equipped	Floor Space
New Era Multi-Process 6x6[11]	7	6 5/32x 7	.....	1 or 2	8,000	.....	.....
New Era Multi-Process 9x12[11]	13	10 x13	.....	1, 2 or 3	7,500	.....	.....
New Era Multi-Process 12x12[11]	13	13 x13	.....	1, 2 or 3	7,500	.....	.....
New Era Multi-Process 12x18[11]	19	13 x19	.....	1, 2 or 3	7,500	.....	.....
These presses are built in units so any number of colors can be printed on the top or bottom. Units for punching, perforating, slitting, die cutting, numbering, putting on reinforcing, patching and eyeletting tags, delivering the finished product cut-off, rewound, or zig-zag folded complete in one operation.		Max. Ptg. Area (Inches)					
Pearce Multi-Converter[42]	16	12 x14	12	3	Max. 6,000	Dependent on press	
For printing and fabricating tags, tickets and labels. Press can be made with any number of printing units, for one or two side printing.	Chase Size (Inches)						
Young Hypromatic Press[34]	4x 8	.....	.....	.....	12,000	.....	.....
Will print any number of colors, front or back.	7x11	.....	.....	.....	12,000	.....	.....
	8x16	.....	.....	.....	9,000	.....	.....
Young Cloth Label Press[34]	7x14, 8x16, 9x22	.....	.....	.....	.....	.....	.....

[11]New Era Mfg. Co.
[34]Young Engineering Co.
[42]Pearce Development Co.

CYLINDER PRESSES (Single Color)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Albert GRALA S[40]	15½x22½	4 x 6	15 x22	5,200	5,000 lbs.	6'4"x4'
Albert ALA-E[40]	15 x22	4 x 6	14 x21¼	5,000	5,000 "	6'4"x4'
Albert ALA[40]	22 x30	8 x12	21⅛ x30	4,500	9,000 "	9' x6'2"
Albert GRALA[40]	22 x30	8 x12	21⅛ x30	4,500	10,000 "	10'5"x6'2"
Albert GRALA-E[40]	22 x31	8 x12	21⅛x31	4,500	10,000 "	10'5"x6'2"

(Continued on Next Page)

CYLINDER PRESSES (Single Color)—(Continued from Preceding Page)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Albert President[40]	26 x37¾	13 x18	26 x37	3,000	20,000 "	12'6"x8'9"
Albert President-E[40]	27½x39¾	13 x18	27 x38	3,000	20,000 "	12'6"x8'9"
Albert Consul[40]	31½x44	16 x22	30 x42	2,800	24,000 "	13'6"x9'2"
ATF Little Giant No. 6[6]	12 x18	3¼x 5½	11¾x17½	2,500 to 5,000	2,730 "	34"x 88"
Babcock 35 Optimus[9]	24½x35	11 x17	22 x32	3,000	.....	.....
Babcock 43 Optimus[9]	26 x40	11 x17	24 x37	2,500	.....	.....
Babcock 5 Optimus[9]	28 x41½	11 x17	24½x39	2,400	.....	.....
Babcock 6 Optimus[9]	32 x45½	11 x17	29 x43	2,200	.....	.....
Babcock 7 Optimus[9]	35 x50½	11 x17	31 x48	2,000	.....	.....
Babcock 10 Optimus[9]	39½x54	11 x17	37 x51	1,850	.....	.....
Babcock 11 Optimus[9]	43 x61½	11 x17	40 x59	1,750	.....	.....
Babcock 12 Optimus[9]	45½x64½	11 x17	42 x62	1,750	.....	.....
Babcock 35 Automatic[9]	24½x35	11 x17	22 x32	3,000	.....	.....
Babcock 43 Automatic[9]	26 x40	11 x17	24 x37	2,500	.....	.....
Babcock 5 Automatic[9]	28 x41½	11 x17	24½x39	2,400	.....	.....
Banthin Automatic[38]	13 x20	3¼x 5½	12¼x19	1,800 to 4,200	2,500 lbs.	38"x94"
Chandler & Price Cylinder Press[1]	12¼x18½	3¼x 5½	12 x18	Up to 5,000	2,324 "	41"x77"
Heidelberg Cylinder 21x28[46]	21¼x28⅜	4½x 6⅜	20¼x28	2,000 to 4,000	10,350 "	6'3"x11'2¼"
Heidelberg Cylinder 15 x 20½[46]	15 x20½	4⅛x 5⅞	14½x20½	2,500 to 5,000	6,630 "	4'7"x 8'4"
Lee No. 38 (Fly or carrier delivery)[10]	24 x36	6 x 9	22 x35	2,500	5,000 " ‡ 5,200 " §	10'1"x5'8"
Miehle Vertical V-50[7]	14 x20	3¼x 5½	12¼x19-2R 13¼x19-1R	3,000 to 5,000	3,100 "	4'1 1/16"x5'2⅝"
Miehle No. 29 Letterpress[7]	22 x28	8½x11	20¼x26	2,500 to 4,500	10,260 "	5'5"x11'10"
Miehle No. 41 SC Letterpress[7]	28 x41	16 x19	24 x38*	1,600 to 3,000	20,050 "	8'7¾"x22'1⅛"
Miehle No. 46 SC Letterpress[7]	33¼x45½	16 x19	29 x42*	1,500 to 2,800	24,125 "	9'½"x24'1"
Miehle No. 56 Letterpress[7]	42 x56	19 x25	38 x52½*	1,350 to 2,250	33,270 "	9'11 1/16"x29'3"
Miller-M.A.N. Poly-Automat 14½x20½[5]	14½x20½	5⅞x 5⅞	12⅝x20	1,400 to 5,000	4,200 "	4'2"x7'5⅜"
Miller 20x26 (SG)[5]	20 x26	7 x10	19 1/16x25⅛	2,750 to 5,000	8,050 "	4'7"x10'2"
Miller 21x28 (SW)[5]	21 x28	8½x11	20¼x28	2,750 to 5,000	12,100 "	5'4½"x11'3"
Miller 27x41 (SY)[5]	28 x41	11 x17	25 x41†	2,100 to 4,250	19,700 "	6'7½"x15'5⅛"
Multipress FM[8]	9 x14	1 x 3	9 x11½	Up to 7,000	1,200 "	18"x5'8"
Tirfing 41[57]	31 x41	18½x24	30 x41	1,000 to 4,000	22,600 "	8'2½"x21'1"
Viking 45[57]	35 x45	14 x14	33⅛x45	1,000 to 3,000	22,050 "	8'8" x25'1"

*Maximum type form locked in chase; four rollers.
†Maximum type form on bed with cylinder advanced and one form roller lifted, 27½" x 41".
‡Weight with fly delivery.
§Weight with carrier delivery.

[1]Chandler & Price Co.
[5]Miller Printing Machinery Co.
[6]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[8]B. Verner & Co., Inc.
[9]Babcock Printing Press Co.
[10]Challenge Machinery Co.
[38]Banthin Engineering Co.
[40]Consolidated Intl. Equipment and Supply Co.
[46]Heidelberg Automatic Presses
[57]Tirfing Printing Machinery, Inc.

CYLINDER PRESSES (Two-color)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Miehle No. 41 TC Letterpress[7]	27¼x41	16x19	25 x38*	1,600 to 2,800	35,390 lbs.	9'2 11/16"x27'3¼"
Miehle No. 46 TC Letterpress[7]	32 x45½	16x19	30¼x42*	1,500 to 2,500	43,410 "	9'11"x30'¼"
Miehle No. 56 TC Letterpress[7]	38 x56	19x25	37½x52½*	1,200 to 2,250	50,000 "	10'5 1/16"x 34'6⅝"
Miehle 6-0 TC Letterpress[7]	46¼x69½	24x24	46 x65*	1,500	57,880 "	11'5 1/16"x 37'10¼"
Miller 21x28 (TW)[5]	21 x28	8½x11	19¼x28†	2,200-4,000‡	15,650 "	5'4½"x12'7¼"
Miller 27x41 (TY)[5]	27½x41	11x17	25 x41†	2,200-3,750‡	27,600 "	6'11⅜"x 17'9½"

*Locked in chase; front bed, four rollers.
†Maximum type form locked on bed.
‡Two-color impressions per hour.

[5]Miller Printing Machinery Co.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.

CUTTING AND CREASING PRESSES

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Form in Chase (Inches)	Impressions Per hour	Weight Equipped	Floor Space
Babcock FE-1 Cutter and Creaser[9]	28½x44¾	.....	28 x40¾	3,600	.....	.....
Babcock Automatic Piling Cutter & Creaser 7[9]	35 x51¾	.....	33½x47*	2,100	.....	.....
Babcock Automatic Piling Cutter & Creaser 12[9]	45½x65¾	.....	44 x60*	1,800	.....	.....
Babcock Automatic Piling Cutter & Creaser[9]	52 x80	.....	52 x79½*	2,600	.....	.....
Champlain 14" Swing Type[15]	15†	.....	14 x14	15,000	8,000 lbs.	12'x5'
Champlain 20" Swing Type[15]	21†	.....	20 x14	15,000	13,000 "	12'x6¼'
Champlain 36" Stationary Type[15]	37†	.....	36 x36	12,000	47,000 "	25'x12¼'
Champlain 44" Stationary Type[15]	45†	.....	36 x44	12,000	57,000 "	25'x13'
All Champlain Cutting and Creasing Presses are equipped with automatic stripping device and can be equipped with electronic control unit for the automatic registering of a pre-printed web to die-cutting; also can be provided with any number of color units of the letterpress, flexographic or rotogravure type for production of printed, die-cut and creased, and stripped cartons in one operation.						
Heidelberg 10x15 Automatic Platen Cutter and Creaser[46]	10¼x15	1½x2¾	10¼x13¾	5,000	2,200 "	5'4"x4'6"
Heidelberg 13x18 Automatic Platen Cutter and Creaser[46]	13⅜x18⅛	3½x4	12 9/16x17 11/16	4,000	4,730 "	6'6"x4'7"
Heidelberg 22x28 Automatic Cylinder Cutter and Creaser[46]	22 x28⅜	4½x6⅜	21¼x28	4,000	9,050 "	11'2¼"x6'3"
Two-up facilities are standard equipment on all Heidelberg Automatic Cutters and Creasers.						
Miehle No. 70 Cutter and Creaser[7]	46¼x69½	.....	46¼x64¼	1,900	35,000 "	11'8¼"x29'2¼"
Miehle No. 29 Cutter and Creaser[7]	22 x28	8½x11	20½x26	4,500	9,560 "	8'10"x15'1" (Open)
Miehle No. 76 Cutter and Creaser[7]	52 x80	.....	52 x79½	2,400	41,200 "	12'9"x30'6"
Miller 28x41 CY Cutter and Creaser[5]	28 x41	11 x17	28 x38	2,100 to 4,250	19,300 "	6'8¼"x15'11¾"

*Maximum die locked in chase.
†Maximum web width in inches.

[5]Miller Printing Machinery Co.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[9]Babcock Printing Press Co.
[15]Champlain Company, Inc.
[46]Heidelberg Automatic Presses

CYLINDER PRESSES (Perfecting)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Type Form (Inches)	Impressions Per hour	Weight Equipped	Floor Space
Miehle 5-0 Letterpress[7]	45x68½	34x45	42½x64*	1,600	68,400 lbs.	11'11¾"x 36'3⅜"

*Maximum type form locked in chase.

[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.

ENVELOPE PRESSES

MAKE AND MODEL	Max. Blank Size (Inches)	Min. Blank Size (Inches)	Maximum Type Form (Inches)	Impressions Per hour	Weight Equipped	Floor Space
Attachments[1] available for Chandler & Price platen presses for printing died-out and made-up envelopes	.....	.....	.....	.....	.....	.....
Attachments available for Brandtjen & Kluge platen presses for printing died-out and made-up envelopes[4]	.....	.....	.....	.....	.....	.....
Harris Single Color, 2 Roller Envelope Blanker Model TRA[25]	11¾x19⅞ (No. 14 Legal)	4x5½ (No. 1 Drug)	.....	Up to 15,000	2,125 lbs.	3'4"x3'7"

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ENVELOPE PRESSES—(Continued from Preceding Page)

MAKE AND MODEL	Max. Blank Size (Inches)	Min. Blank Size (Inches)	Maximum Type Form (Inches)	Impressions Per hour	Weight Equipped	Floor Space
Harris Single Color, 4 Roller Envelope Blanker Model TRA[25]	11¾x19⅞ (No. 14 Legal)	4x5½ (No. 1 Drug)	.....	Up to 15,000	2,200 "	3'4"x3'7"
Harris Two-Color Envelope Blanker Model TRA[25]	11¾x19⅞ (No. 14 Legal)	4x5½ (No. 1 Drug)	.....	Up to 15,000	2,800 "	3'4"x5'1"
All models: Max. rectangular sheet, 8½"x11"; max. made-up open-end envelope, 12"x15"; speed for made-up open-end envelopes, up to 9,000 i.p.h.						
Multipress Model C (Non-Rotary)[8]	9x14	1x3	8½x11½	6,500	950 "	2'x6'
Multipress Model FS (Non-Rotary)[8]	13x18	4x9	11 x17	5,500	1,800 "	2'6"x8'
	Capacity					
Southworth Envelope Press[28] For printing face and/or flap of envelope in one operation. Prints from rubber plates.	From 5s to 12s, including baronial and window.		.....	9,000 to 18,000	705 "	2½'x7'

[1]Chandler & Price Co.
[4]Brandtjen & Kluge, Inc.
[8]B. Verner & Co., Inc.
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.
[28]Southworth Machine Co., Graphic Arts Div.

ROTARY COMBINATION PRESSES (Letterpress-Offset)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rated Speed Ft. Per Min.	Weight Equipped	Floor Space
Speed-Flex Combination Press[27]	26½	26	.....	17*	110	Varies with combinations ordered	
Rotary combination offset and rubber plate press. Can be arranged to print from an offset unit, rubber plate unit and numbering unit. Equipped to perforate in both directions, attach carbon, cutoff or rewind and can be supplied in any combination of offset or rubber units. *Also manufactured in 21, 22, or 24 in. circumferences.							

[27]Orville Dutro & Son, Inc.

ROTARY LETTERPRESS MACHINES (Sheet Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Plate Area (Inches)	Impressions Per hour	Weight Equipped	Floor Space
Babcock 2 color No. 272[9]	50x72	.....	48½x70	Up to 2,500	51,750 lbs.	12'2"x32'9"
Cottrell M-SI-248 Two Color—Single Delivery[12]	36x48	24x30	35½x47½	Max. 7,000 Min. 6,000	40,000 "	30'5"x14'5"
Cottrell M-SI-259 Two Color—Single Delivery[12]	40x59	22¼x34	39½x58½	Max. 6,000 Min. 5,000	56,000 "	34'1"x17'11"
Cottrell W-SI-272 Two Color—Single Delivery[12]	48x72	32x46	47½x71½	Max. 5,000 Min. 4,500	66,000 "	36'6"x16'11"
Cottrell M-548 Five Color — Single Delivery[12]	36x48	24x30	35½x47½	Max. 7,000 Min. 6,000	69,000 "	39'1"x16'6"
Cottrell M-548 DD Five Color—Double Delivery Boxboard[12]	36x48	24x30	35½x47½		77,000 "	44'7"x16'6"
Cottrell M-559 Five Color — Single Delivery[12]	40x59	25x38	39½x58½	Max. 6,000 Min. 5,000	82,000 "	40'10"x17'11"
Cottrell M-559 DD Five Color—Double Delivery Boxboard[12]	40x59	25x38	39½x58½		90,000 "	47' x17'11"
Cottrell WA-571 Five Color—Single Delivery[12]	48x71	32x46	47½x70½	Max. 6,000 Min. 5,000	120,000 "	43'2"x19'4"
Cottrell WA-571 DD Five Color—Double Delivery Boxboard[12]	48x71	32x46	47½x70½		126,000 "	48'2"x19'4"
Harris TRJ (2 Color Cardboard Press)[25]	48x73	25x38	47½x72½	Up to 5,500	65,000 "	13'7"x36'11" (Double Delivery)
Miehle No. 61 (1, 2, 3, 4 and 5 Colors)[7]	42x60	22x34	.....	3,000 to 6,000	Dependent on Color Units	
Miehle No. 76 (1, 2, 3, 4 and 5 Colors)[7]	52x76	28x42	.....	2,750 to 5,500	Dependent on Color Units	
Miehle No. 76 Single Color with Perfecting Unit[7]	52x76	28x42	.....	2,750 to 5,500	82,600 lbs.	14'3"x33'4"

[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[9]Babcock Printing Press Co.
[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.

ROTARY LETTERPRESS MACHINES (Roll Feed)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rewind Ft. Per Min.	Weight Equipped	Floor Space
ATF-Webendorfer Standard Business Forms Presses[6]	26	25½	.....	17 or 22	Up to 500	.....	.....
Designed for printing checks, blank books, office and business forms of all descriptions. Prints on tissue to lightweight board. Rewinder, folder or flat sheet delivery. For black and/or color printing on one or both sides of web up to two colors on each side of web. Operations include numbering, imprinting, hole punching, perforating, zig-zag folding and rewinding.							
Babcock Magazine[9] (built on order to customer's spec.)	.....	.....	.....	.....	.....	.....	.....
Black and up to six-color printing on both sides of web—with folder or flat delivery. Speeds up to 1800 ft. per min.							
Babcock Rubber Plate Press[9] (Rewind or Folder Delivery.)	84	.....	34	70	1,800	.....	.....
Chambon, Type OIC[14]	.....	6¾	.....	9	.....	.....	.....
Chambon, Type IC[14]	.....	14	.....	16	.....	.....	.....
Chambon, Type ICL[14]	.....	17	.....	24	.....	.....	.....
Chambon, Type IIC[14]	.....	21	.....	22	.....	.....	.....
Speed varies depending on final operation whether rewinding, sheet-cutting or die-cutting.							
Champlain 1C[15]	14	13¾	9½	14	150	8,000 lbs.	18' long, 2' wide, 5' high
Champlain 1G[15]	20	19½	8	16	400	.....	.....
Champlain 3G[15]	20	19½	15½	26	400	12,000 lbs.	.....
Champlain 3GHD[15]	20	19½	15½	26	800	.....	.....
Champlain 2G[15]	30	29½	15½	31	500	.....	20' long, 3' wide, 5'10" high
Champlain 2GHD[15]	31	30	23	31½	800	.....	.....
Cottrell High-Speed Magazine Presses[12]							
For black and/or color printing on one or both sides of web, up to as many as six colors on each side. Product is delivered either folded or in flat sheets. Folder speeds up to 1600 f.p.m. Cottrell special rotary presses are available for printing of bread wraps, labels, etc., and for paper box printing of various kinds. These units, too, print one to eight colors in one operation.							
Goss Unit, Deck or Double Ended High Speed Magazine Press[17]	As specified	As specified	As specified	As specified	Printed and folded at speeds from 750 to 2,000 f.p.m.	Dependent on size of press	
For black or color printing up to 6 colors on each side of the web. Running speeds up to 2000 ft. per min. with former or jaw collect folders. Magazine presses available to deliver 32, 48, 64, 96, 128 and 192 pages per revolution. May be equipped with right-angle or straightaway folders with pins or grippers or a combined pin and gripper design. Folders may be equipped with imprinting device, paste fountains and wire stapling devices.							
Hamilton Letter Presses[18]	As specified	As specified	As specified	As specified	Up to 550	Dependent on size of press	
Hamilton Letter Presses are available for type or offset printing of continuous forms, with one to three colors on any side, with full automatic web tension control and hole punching, cross and length perforating, numbering, slitting, with folding, rewind and cut-off deliveries.							
Hess & Barker (Converter-1)[19]	30	28¾	18¾	35	600	.....	.....
Hess & Barker (Converter-2)[19]	34	32¾	18¾	35	600	.....	.....
Hess & Barker (Super Converter)[19]	38½	37¼	28	44	750	.....	.....
Hess & Barker (Magazine)[19]	36	35	34	36	750	.....	.....
Hess & Barker (Super Magazine)[19]	As specified				1,000	.....	.....
For black and/or multicolor printing on one or both sides of web up to 5 colors. May be equipped with folder and/or sheeter with pile delivery.							
					Ft. Per Min.		
Hoe Super-Production Magazine Press[20]	As specified	As specified	As specified	As specified	Up to 2000 ft. per min. of web or as specified	.....	.....
Designed for printing up to six colors on each side of web. May be equipped with right angle or straightaway folders or former folders with pins or grippers, or a combination of pins and grippers. May be furnished with high speed sheet deliveries or rewinders, or a combination of both. Folders may be equipped with imprinting devices, paste fountains and rotary wire stitcher mechanisms. Equipped with 3-Arm reels with full automatic electric running belt tension devices and automatic full speed web splicing mechanisms or paper roll brackets and floating roller tension devices.							
					Rewind Ft. Per Min.		
Hudson Sharp No. "A" Series[21]	2 over ptg. width	10 to 60	10	30	50 to 500	.....	.....
NOTE: Above Hudson-Sharp presses built with colors in series or with color sections contacting single tympan cylinder.							
Kidder Single Stack Bow Type Press[22], 6 Colors, Model XM	67, 74	65, 72	36	48	850	125,000 lbs.	450 sq. ft.
Kidder Single Stack Bow Type Press[22], 8 colors, Model YB	67, 74	65, 72	36	48	850	150,000 "	450 sq. ft.

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ROTARY LETTERPRESS MACHINES (Roll Feed)—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rewind Ft. Per. Min.	Weight Equipped	Floor Space
Kidder Double Stack Bow Type Press[22], 5, 6, 7 and 8 Colors, Model XR	67, 74	65, 72	32	48	850	165,000 "	500 sq. ft.
Motter Magazine Presses[44]	As specified	As specified	As specified	As specified	1,500	.....	.....
For black or color printing for use with magazine folders of former or jaw type. Presses can be equipped with driers, imprinting devices, paste fountains, etc.							
Paper Converting Machine Co.'s 3, 4, 5, 6, 7 and 8 Color Presses[43]	10—72	70	10	36	350-800	.....	.....
Central impression cylinder, rubber plate, multi-repeat.							
Paper Converting Machine Co.'s 3, 4, 5, 6, 7 and 8 Color Presses[43]	10—72	70	10	48	350-800	.....	.....
Central or multiple impression cylinder, metal plates.							
Potdevin 317[31]	21	20	10.68	21.99	270-570	17,600 lbs.	9'x22'
Potdevin 418[31]	32	31	10.68	37.80	400-700	25,000 "	7'x20'
Potdevin 63[31]	52 to 66	50 to 64	24 to 30	48 to 77	200-600	19,000-35,000 "	10'x28' (2 color) 10'x34' (4 color)
NOTE: All Potdevin oil-ink letterpress presses built to accommodate up to 4 colors.							
Schriber Presses[30]	19 to 33	18½ to 32½	11	28	550	.....	.....
Speed-Flex Press, Model B[27]	15½	.....	.....	17	17	12,000 "	15'8" long, 40" wide, 72" high
Will handle 2 webs and glue on 2 carbons; print face, imprint and number same face of 2 webs, or print and number both faces of a single web and attach carbon.							
Speed-Flex Press, Model C[27]	14	.....	.....	17	.....	3,400 "	9' long, 31" wide, 58" high
Will handle one web and one carbon; print face, imprint and number same face or print face of web, imprint back and attach carbon.							
Speed-Flex Press, Model 3C[27]	14	.....	.....	17	.....	4,300 "	9' long, 31" wide, 70" high
Will handle one web and one carbon; print face in two colors, imprint and number same face in third color; print face, print back, imprint and number face and attach carbon.							
Speed-Flex Press, Model C3C-RTR[27]	14	.....	.....	17	350	5,300 "	8' long, 31" wide, 70" high
Roll to roll three-color press with punches, perforators and electronic rewinder.							
Speed-Flex Press, Model D[27]	15½	.....	.....	17	.....	10,000 "	15'8" long, 40" wide, 72" high
Will handle one web and one carbon; print face, imprint and number same face and print back of web or print two colors face of web, imprint and number same face in third color, and attach carbon.							
Speed-Flex Press, 17x26[27]	26	.....	.....	17	500	14,000 "	18' long, 51" wide, 72" high
Single web forms press with numbering, punches, perforators and rewinder and zig-zag folder. Prints two colors on face or one color each side plus number and imprint in additional color.							
Speed-Flex Press, Model B-26[27]	26	.....	.....	17	.....	17,000 "	18' long, 51" wide, 72" high
Two webs, four carbons. Will print, imprint, number, perforate and cut-off.							
Staude Press[3]	.....	26	16	32	.....	.....	.....
Designed especially for making paper milk bottles.							
Stoessel Rotary Press, 1 to 3 Colors[26]	.....	.....	19	21	Sheet Divy. 7,500 per hr.	.....	.....
Prints from rubber plates or curved electros.							
Stoessel Check Printer[26]	.....	.....		.....	5,000 per hr.	.....	.....
Prints and numbers single checks or three checks per sheet.							
Willsea Multicolor Web Press[24]	60 up	60 up	31	75	.....	22,000 "	9'x4'
Rewinding or cutting, scoring and delivering in pockets.							

[3]E. G. Staude Mfg. Co., Inc.
[6]American Type Founders, Inc.
[9]Babcock Printing Press Co.
[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[14]Model Printing Equipment Corp.
[15]Champlain Co., Inc.
[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.
[18]The Hamilton Tool Co.
[19]Hess & Barker.
[20]R. Hoe & Co., Inc.
[21]Hudson Sharp Machine Co.
[22]Kidder Press Co.
[24]Willsea Works.
[26]Stoessel Machine Mfg. Co.
[27]Orville Dutro & Son, Inc.
[30]Schriber Press Co.
[31]Potdevin Machine Co.
[43]Paper Converting Machine Co.
[44]George F. Motter's Sons

OFFSET PRESSES (Single Color, Sheet Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF Chief "15"[6]	11 x15	3 x 5	9¾x13	3,400 to 7,200	740 lbs.	28"x61"
ATF Chief "20"[6]	14 x20	8 x10	13½x19½	3,200 to 5,500	1,750 "	45"x57½"
ATF Chief "22"[6]	17½x22½	8 x10	17¼x22	2,700 to 5,500	3,200 "	51"x76"
ATF Chief "24"[6]	18 x24½	8½x11	17½x24⅜	2,700 to 6,000	3,600 "	56"x77"
ATF Chief "29"[6]	23 x29	11 x17	22 x28	3,000 to 5,000	5,700 "	63"x89"
ATF Super Chief[6]	23 x30	10 x14	22⅛x29½	3,000 to 7,000	7,600 "	53.2 sq. ft. with platform

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OFFSET PRESSES (Single Color, Sheet Feed)—(Continued from Preceding Page)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF-Mann 22x34 N135[6]	23 x36	11 x15	22½x35½	7,000	10,880 "	9'6"x8'6"
ATF-Mann 25x36 L136[6]	25½x38	13 x16½	24½x36	5,500	17,584 "	9'10"x19'
ATF-Mann 30x42 L142[6]	30½x43½	13 x22	29½x42	5,500	18,928 "	10'3"x19'5"
ATF-Mann 35x45 L148A[6]	36¼x48½	17 x22	35¼x48	5,000	29,120 "	12' x21'8"
ATF-Mann 42x59 L159C[6]	42 x59	17 x34	41⅝x58½	5,000	32,030 "	13'5"x22'5"
ATF-Mann 42x65 L165C[6]	42 x65	17 x34	41⅝x64½	4,500	32,030 "	13'5"x22'5"
Babcock[9]	19½x25½	8 x10	19 x25	Up to 7,000	5,200 "	5'x8'
Banthin No. 20 Lithomatic[38]	14 x20	4⅛x 6¾	13 x17⅜	1,000 to 5,000	1,235 "	3'4"x3'5"
Consolidated Filius[40]	16 x20	8 x10	15½x19½	8,000	6,000 "	5'5"x9'
Consolidated Pearl "24"[40]	18¼x24¾	8 x10	17⅝x24½	8,000	7,260 "	5'11"x10'10"
Consolidated Pearl "25"[40]	19 x25	8 x10	18⅛x25	8,000	7,260 "	7'7"x10'10"
Consolidated Jewel[40]	23 x31½	13 x16½	22⅝x31	7,500	13,000 "	8'8"x11'7"
Crabtree, Mark 2[53]	24½x19½	10 x 8	24 x19	6,000	11,760 "	14'0"x5'8"
Crabtree, Mark 2A[53]	28½x21	15 x12½	28 x20½	6,000	12,880 "	14'0"x6'0"
Crabtree, Mark 4[53]	38 x25½	15 x12½	37½x25	6,000	18,480 "	15'9"x7'4"
Crabtree, Mark 6[53]	45 x33½	20 x12½	44½x33	5,000	25,200 "	19'2"x8'0"
Crabtree, Mark 8[53]	48½x36½	20 x15	48 x35¾	5,000	26,320 "	19'2"x8'4"
Crabtree, Mark 10[53]	54 x42	20 x15	53½x41½	4,500	29,680 "	21'2"x8'9"
Crabtree, Mark 12[53]	65 x41	20 x15	64½x40½	4,500	35,280 "	21'2"x9'8"
Davidson Dual-Lith 241[54]	10 x14	3 x 5	9¾x13	6,000	625 "	28¼"x61"
Davidson Dual-Lith 242[54]	10 x14	3 x 5	9¾x13	6,000	650 "	28¼"x61"
Davidson Dual-Lith 251[54]	10 x14	3 x 5	9¾x13	6,000	710 "	28¼"x61"
Davidson Dual-Lith 233[54]	14 x17½	4 x 6	13 x17	5,400	830 "	65"x35"
Davidson Dual-Lith 245[54]	10 x14	3 x 5	9¾x13	6,000	585 "	28¼"x61"
Davidson Dual-Lith 255[54]	8½x11	3 x 5	7 x 9¾	18,000	710 "	28¼"x61"
If Model 255 is equipped with standard segments, specifications are identical to Model 241.						
Harris 120 14½x20½ Single Color[25] (Feeder Pile Height, 18"; Delivery Pile Height, 18")	14½x20½	8 x10	14⅛x20	Up to 7,000	4,000 "	3'10⅜"x 5'6¼"
Harris 122A 17½x22½ Single Color[25] (Feeder Pile Height, 36"; Delivery Pile Height, 20")	17½x22½	10 x14	17⅛x22½	Up to 7,000	5,000 "	4'5"x7'10¼"
Harris 126-ER 20x26 Single Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 19")	20 x26	9 x12	19⅝x25½	Up to 8,000	7,000 "	6'11½"x 10'⅝"
Harris 130 23x30 Single Color[25] (Feeder Pile Height, 45"; Delivery Pile Height, 19")	23 x30	10 x14	22⅝x29½, 19 x29½, and 21⅝x29½	Up to 6,500	7,100 "	7'2"x9'8"
Harris 130-FR 23x30 Single Color[25] (Feeder Pile Height, 45";; Delivery Pile Height, 19")	23 x30	10 x14	22⅝x29½	Up to 7,500	7,400 "	7'2"x10'⅝"
Harris 136 23x36 Single Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 18¼")	23 x36	11 x17	22½x35½	Up to 7,000	8,250 "	6'10½"x 10'5½"
Harris 149 36x49½ Single Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 40")	36 x49½	17 x22	35⅝x47½ or 35⅝x49	Up to 6,500	24,300 "	10'5½"x 20'5⅞"
Harris 159 43x59 Single Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 48")	43 x59	22 x34	42⅝x58½	Up to 6,500	36,500 "	13'1"x24'7"
Harris 177 52½x77 Single Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53")	52½x77	25 x38	52⅛x76½	Up to 6,000	54,000 "	14'11"x 28'10"
Miehle No. 17 Lithoprint[7]	14 x20	4⅛x 6¾	13 x17¼	Up to 5,000	1,150 "	3'7"x3'5"
Miehle No. 25 Single Color[7]	19 x25	8½x11	18⅝x25	Up to 7,500	9,700 "	7'7"x10'4"
Miehle No. 29 Single Color[7]	23 x29	11 x16	22⅝x29	Up to 7,000	10,265 "	7'4"x10'6"
Miehle No. 36 Single Color[7]	23 x36	11 x16	22⅝x35¼	Up to 6,500	11,150 "	7'10"x10'8"
Miehle No. 38 Single Color[7]	25½x38	11 x16	25⅛x38	Up to 7,000	13,250 "	8'6"x11'
Miehle No. 41 Single Color[7]	30 x42	19 x25	29⅝x42	Up to 6,800	26,500 "	12'1"x21'3"
Miehle No. 49 Single Color[7]	36 x49⅝	19 x25	35⅝x49⅝	Up to 6,500	27,500 "	21'3"x12'8"
Miehle No. 61 Single Color[7]	42 x58	22 x34	41⅝x58	Up to 6,500	44,900 "	12'10"x26'1"
Miehle No. 76 Offset Single Color[7]	52 x76	28 x42	51⅝x76	Up to 6,000	58,500 "	14'3"x28'6"
Miller E. B. Co. 22x34 Three Point Register[5]	23 x36	8½x11	22½x35	Up to 6,000	8,850 "	5'11⅞"x10'
Miller E. B. Co. 22x34 Feedroll[5]	23 x36	11 x17	22½x35	6,600	9,150 "	6'x10'4½"
Miller-M.A.N. IV 30x42 Single Color[5]	30¾x44⅛	11 x17	30⅜x44⅛	6,800	30,000 "	10'7 15/16"x23'6"
Miller-M.A.N. V 36x48 Single Color[5]	36 x49¾	16½x23⅜ 16½x23⅜	35⅝x49¾	6,500	30,800 "	11'1 7/16"x23'6"
Royal Zenith 23 Single Color[55]	15 x23		14⅝x22	8,000	2,400 "	44"x67"
Royal Zenith 30 Single Color[55]	23 x30	11¾x12¾	22⅝x30	7,000	3,300 "	51"x110"

[5]Miller Printing Machinery Co.
[6]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[9]Babcock Printing Press Co.
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.
[38]Banthin Engineering Co.
[40]Consolidated Intl. Equipment and Supply Co.
[53]R. W. Crabtree & Sons (Canada) Ltd.
[54]Davidson Corporation
[55]Royal Zenith Corp.

OFFSET PRESSES (Multicolor, Sheet Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF-Mann 25x36 L236 Two Color[6]	25½x38	13x16½	24½x36	5,500	24,976 lbs.	20'1"x11'1"
ATF-Mann 30x42 L242 Two Color[6]	30½x43½	13x22	29½x42	5,500	26,880 "	20'7"x11'6"
ATF-Mann 35x45 L248A Two Color[6]	36¼x48½	17x22	35¼x48	5,000	42,722 "	24'x12'8"
ATF-Mann 42x54 L254C Two Color[6]	42 x54	17x31½	41⅝x53½	5,000	44,684 "	24'5"x13'2"
ATF-Mann 42x59 L259C Two Color[6]	42 x59	17x34	41⅝x58½	5,000	48,608 "	24'5"x14'
ATF-Mann 42x65 L265C Two Color[6]	43 x65	17x34	42 x64½	4,500	48,608 "	25'6"x14'
ATF-Mann 48x65 L265A Two Color[6]	48¼x65	20x41½	47¼x64½	4,000	48,608 "	25'6"x14'
Consolidated Champion, Two Color[40]	25 x38	14x20	26 5/16x38 5/16	7,200	38,000 "	19'x12'
Crabtree, Mark 2, Two Color[53]	24½x19½	10x 8	24 x19	6,000	14,000 "	14'3½"x5'8"
Crabtree, Mark 2A, Two Color[53]	28½x21	15x12½	28 x20½	6,000	14,000 "	14'3½"x6'0"
Crabtree, Mark 4, Two Color[53]	38 x25½	15x12½	37½x25	6,000	24,080 "	16'2"x7'4"
Crabtree, Mark 6, Two Color[53]	45 x33½	20x12½	44½x33	5,000	33,040 "	19'5¼"x8'0"
Crabtree, Mark 8, Two Color[53]	48½x36½	20x15	48 x35¾	5,000	34,160 "	19'5¼"x8'4"
Crabtree, Mark 10, Two Color[53]	54 x42	20x15	53½x41½	4,500	43,120 "	21'3½"x8'9"
Crabtree, Mark 12, Two Color[53]	65 x41	20x15	64½x40½	4,500	49,840 "	21'3½"x9'8"
Crabtree, Mark 4, Three Color[53]	38 x25½	15x12½	37½x25	5,500	31,920 "	16'2"x7'4"
Crabtree, Mark 6, Three Color[53]	45 x33½	20x12½	44½x33	4,500	45,360 "	19'5¼"x8'0"
Crabtree, Mark 8, Three Color[53]	48½x36½	20x15	48 x35¾	4,500	47,600 "	19'5¼"x8'4"
Crabtree, Monarch, Two Color[53]	48½x36½	.....	48 x36	7,500	47,040 "	21'6"x12'0"
Harris 236 23x36 Two Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 36½")	23 x36	11x17	22½x35½	Up to 7,000	13,600 "	6'10½"x16'5¾"
Harris 238 25¾x38½ Two Color[25] (Feeder Pile Height, 48"; Delivery Pile Height, 36½")	25¾x38½	11x17	25⅜x38	Up to 7,000	14,500 "	8'9¼"x17'1"
Harris 249 Two Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 40")	36 x49½	17x22	35⅝x47½, or 35⅝x49	Up to 6,500	40,000 "	12'¼"x23'11½"
Harris 259 43x59 Two Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 45")	43 x59	22x34	42⅝x58½	Up to 6,500	57,750 "	14'5½"x28'8½"
Harris 459 43x59 Four Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 45")	43 x59	22x34	42⅝x58½	Up to 6,500	100,500 "	14'5½"x36'3½"
Harris 559 43x59 Five Color[25] (Feeder Pile Height, 42"; Delivery Pile Height, 45")	43 x59	22x34	42⅝x58½	Up to 6,500	122,000 "	14'5½"x40'1"
Harris 277 52½x77 Two Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53")	52½x77	25x38	52½x76½	Up to 6,000	87,000 "	16'3½"x33'4½"
Harris 477 52½x77 Four Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53")	52½x77	25x38	52½x76½	Up to 6,000	152,000 "	16'3½"x42'5½"
Harris 577 52½x77 Five Color[25] (Feeder Pile Height, 49"; Delivery Pile Height, 53")	52½x77	25x38	52½x76½	Up to 6,000	185,000 "	16'3½"x 46'10 5/16"
Hoe 50x72 1-6 Colors[20]	50 x72	28x36	49½x71½	6,000	.....	.....
Miehle No. 38 TC[7]	25½x38	11x16	25½x38	Up to 7,000	23,150 "	8'6"x18'5"
Miehle No. 41 TC[7]	30 x39	19x25	29⅝x39	Up to 6,800	36,200 "	13'x22'6"
Miehle No. 49 TC[7]	36 x49⅝	19x25	35⅝x49⅝	Up to 6,500	40,150 "	13'7½"x22'6"
Miehle No. 61-2C[7]	42 x58	22x34	41⅝x58	Up to 6,500	69,900 "	12'10"x30'7½"
Miehle No. 61-3C[7]	42 x58	22x34	41⅝x58	Up to 6,500	94,700 "	12'10"x35'2"
Miehle No. 61-4C[7]	42 x58	22x34	41⅝x58	Up to 6,500	119,200 "	12'10"x39'8½"
Miehle No. 61-5C[7]	42 x58	22x34	41⅝x58	Up to 6,500	143,800 "	12'10"x44'3"
Miehle No. 76-2C[7]	52 x76	28x42	51⅝x76	Up to 6,000	90,900 "	14'3"x33'9"
Miehle No. 76-3C[7]	52 x76	28x42	51⅝x76	Up to 6,000	122,400 "	14'3"x39'
Miehle No. 76-4C[7]	52 x76	28x42	51⅝x76	Up to 6,000	154,500 "	14'3"x44'3"
Miehle No. 76-5C[7]	52 x76	28x42	51⅝x76	Up to 6,000	186,400 "	14'3"x49'6"
Miller-M.A.N. IV 30x42 Two Color[5]	30¾x44⅛	19¾x25⅝*	30⅜x44⅛	6,800	45,200 "	11'2½"x27'2½"
Miller-M.A.N. IV 30x42 Three Color[5]	30¾x44⅛	19¾x25⅝*	30⅜x44⅛	6,800	66,200 "	11'2½"x32'2"
Miller-M.A.N. IV 30x42 Four Color[5]	30¾x44⅛	19¾x25⅝*	30⅜x44⅛	6,800	86,000 "	11'2½"x37'1½"
Miller-M.A.N. V 36x48 Two Color[5]	36 x49¾	19¾x25⅝	35⅝x49¾	6,500	47,400 "	11'7¾"x27'2½"
Miller-M.A.N. V 36x48 Three Color[5]	36 x49¾	19¾x25⅝	35⅝x49¾	6,500	69,400 "	11'7¾"x32'2"
Miller-M.A.N. V 36x48 Four Color[5]	36 x49¾	19¾x25⅝	35⅝x49¾	6,500	90,400 "	11'7¾"x37'1½"
Miller-M.A.N. VI 40x56 Two Color[5]	40¼x56	19¾x25⅝	39¾x55⅞	6,000	49,600 "	12'2"x27'7 9/16"
Miller-M.A.N. VI 40x56 Three Color[5]	40¼x56	19¾x25⅝	39¾x55⅞	6,000	72,700 "	12'2"x32'7¼"
Miller-M.A.N. VI 40x56 Four Color[5]	40¼x56	19¾x25⅝	39¾x55⅞	6,000	94,800 "	12'2"x37'7"

*Model IV two to four color presses with minimum sheet size of 16½x23⅝ available on special order.

[6]American Type Founders, Inc.
[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[5]Miller Printing Machinery Co.
[20]R. Hoe & Co., Inc.
[25]Harris-Seybold Co., Div. of Harris-Intertype Corp.
[40]Consolidated Intl. Equipment and Supply Co.
[53]R. W. Crabtree & Sons (Canada) Ltd.

OFFSET METAL DECORATING PRESSES

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Harris 36x36 MDE Single Color[25]	36 x36	18 x24	34¾x35¾ or 34 11/16x35¾	6,000	30,000 lbs.	10'x17'11¼"*
Harris MDF 36x36 Two Color[25]	36 x36	18 x24	34¾x35¾ or 34 11/16x35¾	6,000	45,800 "	10'x26'5½"*
Harris 36x43 MDB Two Color[25]	36 x43	18 x24	34¾x42¾	6,000	44,800 "	10'6"x26'5½"*
Harris 36 x 36 MDG Three Color[25]	36 x36	18 x24	34¾x35¾ or 34 11/16x35¾	6,000	74,000 "	10'x34'11"*
Hoe Automatic Single Color Metal[20]	29 x36	18¾x21	28¾x35¾	5,100	22,000 "	9'x16'x7'6"
Hoe Automatic Single Color Metal[20]	34 x36	18¾x21	33¾x35¾	5,100	22,000 "	9'x16'x7'6"
Hoe Automatic Single Color Metal[20]	34 x45	19 x21	33¾x44¾	4,500	24,000 "	10'x16'x7'6"
Hoe Automatic Single Color Metal[20]	38 x54	20 x28	37 x53¾	1,200-4,200	33,700 "	13'x23'x10'
Hoe Automatic Single Color Metal[20]	50 x72	24 x42	49 x71	1,200-4,200	60,000 "	14'x24'8"x10'
Hoe Automatic Two-Color Tandems available in all above sizes.[20]						
Hoe Automatic Four-Color Tandems available in 36" width presses.[20]						
Rutherford No. MP4[29]	29 x36	20 x24	29 x36	.....	16,900 "	7' x 10'
Rutherford No. MP3[29]	29 x36	18 x20	29 x36	.....	16,000 "	7' x 10'
Rutherford No. EMP3[29]	26 x36	10 x12	26 x36	.....	15,500 "	7' x 10'
Rutherford 1-Color Tube Printing Machine[29]	.....	.....	.....	.....	2,285 "	45" x 53"
Rutherford 2-Color Tube Printing Machine[29]	.....	.....	.....	.....	2,685 "	45" x 53"
Rutherford 3-Color Tube Printing Machine[29]	.....	.....	.....	.....	3,085 "	45" x 53"
Rutherford 4-Color Tube Printing Machine[29]	.....	.....	.....	.....	3,650 "	45" x 53"

*Without pile feeder.

[20]R. Hoe & Co., Inc. [25]Harris-Seybold Co., Div. of Harris-Intertype Corp. [29]Rutherford Machinery Co., Div. Sun Chemical Corp.

WET and/or DRY OFFSET PRESSES (Sheet and Roll Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF Chief "22"[6]	17½x22½	8x10	17x22	2,700 to 5,500	3,200 lbs.	51"x76"
ATF Chief "29"[6]	23 x29	11x17	22x28	3,000 to 5,000	5,700 "	63"x89"

Presses designed for dry offset and wet offset printing. Plate cylinder is undercut 0.030 in. to allow for thickness of the dry offset plate. When wet offset plates are used, the plate cylinder is packed to compensate for the thinner plate.

	Max. Web Width (Inches)	Min. Cyl. Circumference	Max. Cyl. Circumference	Speed Ft. Per Min.		
Babcock Web Offset Presses[9]	84	34	70	1,800	.....	.....

Built on order to customers specifications. Black and up to eight color printing on both sides of web; with folder, flat delivery or rewinder.

[6]American Type Founders, Inc. [9]Babcock Printing Press Co.

OFFSET PRESSES (Perfecting)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Print (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
ATF-Mann Perfector LP-53[6]	38 x53½	17x31½	37 x53	5,000	34,940 lbs.	21'x11'6"
ATF-Mann Perfector LP-54[6]	41 x54	17x31½	40 x53½	4,500	35,400 "	21'x11'6"
Crabtree, Mark 2[53]	24½x19½	10x8	24 x19	6,000	14,000 "	15'6"x5'8"
Crabtree, Mark 6[53]	45 x33½	20x12½	44½x33	5,000	28,560 "	21'3"x8'6"
Crabtree, Mark 10[53]	54 x42	20x15	53½x41½	4,500	38,640 "	23'6"x8'9"
Miller TPJ 23x36 Two Color Perfector[5]	23 x36	11x17	22½x35	7,000 one side 6,000 both sides	19,100 "	8'8"x14'¾"

[5]Miller Printing Machinery Co. [6]American Type Founders, Inc. [53]R. W. Crabtree & Sons (Canada) Ltd.

WEB OFFSET PRESSES (Roll Feed)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Speed Ft. Per Min.	Weight Equipped	Floor Space
ATF Green Hornet Job Press[6]	17½	17¼	.....	11½	400	3,700 lbs.	4'x11'
Delivers cut sheets 11½ in. long at speeds up to 25,000 per hour.							
ATF-Webendorfer Standard Publication Presses[6]	35	34½	.....	22¾	600	.....	.....
	49	.....	.....	34.95	Up to 1,000	.....	.....
ATF-Webendorfer Special Publication Presses[6]	Up to 70	.....	.....	.....	Up to 1,000	.....	.....
Designed for printing newspapers, magazines, telephone books, children's books, catalogs, tabloids, comics, etc. Imprinting, numbering, perforating, embossing, folding and rewinding operations possible. Prints one to four colors on each side of web. Flat sheet or folder delivery.							
ATF-Webendorfer Standard Business Forms Presses[6]	26	25½	.....	17 or 22	Up to 500	.....	.....
Designed for printing checks, blank books, office and business forms of all descriptions. Numbering, imprinting, hole punching, perforating, zig-zag folding and rewinding operations possible. Prints one to two colors on each side of web. Will handle tissue to lightweight board. Rewinder, folder or flat sheet delivery.							
Chambon, Type OIC[14]	.....	6¾	.....	9	.....	.....	.....
Chambon, Type IC[14]	.....	14	.....	16	.....	.....	.....
Chambon, Type ICL[14]	.....	17	.....	24	.....	.....	.....
Chambon, Type IIC[14]	.....	21	.....	22	.....	.....	.....
Speed varies depending on final operation of rewinding, sheet cutting or die-cutting. Other widths are built on special order.							
Crabtree Roll-Feed Offset Press. Built to customer's specifications[53]	.....	.....	.....	.....	.....	.....	.....
Dilts Pacemaker Model 585[23]	90	90	16	120	1,000	35,000 lbs.	180 sq. ft.
Paper basis weight range 7# tissue to 120#.							
Hantscho High Speed Web Offset Presses. Built also to customer's specifications[16]	36	35½	22¾	.....	Up to 1,000	.....	.....
	50	49½	35	.....	Up to 1,000	.....	.....
Can be built as straight line perfecting presses, or as single color units with impression cylinders, arranged to print single color or up to 5 colors on each side. Can be equipped with imprinters, folders, flat sheet delivery, rewinders and other attachments. Speeds up to 1,000 f.p.m. Dry offset and rubber plate models also available.							
Harris-Cottrell Single or Multicolor Press[12]	38	.....	.....	22¾	600	.....	.....
Rubber to rubber perfecting press designed for multi-web operation to print either one or both sides of the webs. Equipped with folder for producing tabloid, magazine and two-on parallel fold. May be supplied with rewinder and/or sheeter with pile delivery.							
Harris-Cottrell Single or Multicolor Press[12]	50	.....	.....	35	1,000	.....	.....
Rubber to rubber perfecting press designed for multi-web operation to print either one or both sides of the webs. Equipped with a folder. May be supplied with rewinder and/or sheeter with pile delivery.							
Harris-Cottrell Multicolor Press[12]	50	.....	.....	43	1,200	.....	.....
Rubber to steel press designed to print either one or both sides of the web. Products delivered folded or flat sheets.							
Harris-Cottrell High-Speed Custom Built Presses[12]	.....	.....	.....	.....	.....	.....	.....
For black and/or color printing on both sides of the web up to as many as five colors on each side. Products are delivered folded or in flat sheets. Press sizes and unit combinations made to specifications.							
Hess & Barker Publication Presses[19]	36½	.....	22¾	.....	Up to 750	.....	.....
Blanket to blanket presses. Hess & Barker magazine presses are also built to customer's specifications. For black and/or multicolor printing on one or both sides of web up to five colors on each side. May be equipped with folder and/or sheeter with pile delivery.	38½	.....	22¾	.....	Up to 750	.....	.....
	35	.....	20½	.....	Up to 500	.....	.....
	38½	.....	23½	.....	Up to 750	.....	.....
Hoe Roll-Feed Multicolor Web Press. Built to customer's specifications[20]	As specified	As specified	As specified	As specified	Up to 1,000	.....	.....
Levey Publication Presses. Built to customer's specifications[56]	.....	.....	.....	.....	.....	.....	.....
Schriber Web Offset Presses[30]	19 to 33	18½ to 32½	11	28	550	.....	.....
Speed-Flex Offset Job Press[27]	13¼	13		17	350	4,800 "	2'9"x12'6"
Press can be arranged to print one color offset, rubber plate imprint, number with two shaft numbering equipment, perforate both ways, attach carbon, and cut-off at speed of 15,000 17" lengths per hour or 18,000 8½" lengths per hour. Can be supplied with one or more offset units arranged to print on either one or both sides of web; also with sheeters, rewinders or flat pack for continuous forms.							

[6]American Type Founders, Inc.
[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[14]Model Printing Equipment Corp.
[16]George Hantscho Co., Inc.
[19]Hess & Barker
[20]R. Hoe & Co., Inc.
[23]Dilts Div., The Black-Clawson Co., Inc.
[27]Orville Dutro & Son, Inc.
[30]Schriber Press Co.
[53]R. W. Crabtree & Sons (Canada) Ltd.
[56]Machinery Div., Fred'k H. Levey Co., Inc

NEWSPAPER PRESSES (High Speed Rotary)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Sheet Cut Length (Inches)	Max. Sheet Cut Length (Inches)	Speed Copies per hr.	Weight Equipped	Floor Space
Crabtree Supercolor[53]	As specified	As specified	As specified	As specified	60,000	Dependent on size of press	
Crabtree Standard[53]	As specified	As specified	As specified	As specified	40,000	Dependent on size of press	
Both Crabtree Supercolor and Standard presses arranged to accommodate additional built-in color cylinders, cylinder reversing, color decks, portable color pumps. Arranged for underneath or end roll feed.							
Crabtree 10/50[53]	49	17½	22½	24½	15,000	Dependent on size of press	
Normally arranged for roll feed at end or between units.							
Goss Headliner[17]	As specified	As specified	21½	23 9/16	60,000	Dependent on size of press	
Underneath or end roll feed from reels or brackets. Color by color cylinders, couples, reversible cylinders or portable fountains. Press may be equipped with Goss Reels-Tensions-Pasters and Paster Pilot controls.							
Goss Universal[17]	35	As specified	22.77	22.77	40,000	Dependent on size of press	
Semi-cylindrical plates, underneath or end roll feed. Color by color cylinders, reversible unit cylinders, removable fountain pans.							
Goss Unitube[17]	35	As specified	22.77	22.77	40,000	Dependent on size of press	
Tubular plates, underneath or end paper roll feed, color by color cylinders, reversible unit cylinders, removable fountain pans.							
Goss Dek-A-Tube[17]	35	As specified	22.77	22.77	40,000	Dependent on size of press	
Tubular plates, End Paper Roll Feed, Color by decks, reversibility, removable fountain pans.							
Goss Unit Type Multi-color Press[17]	As specified	As specified	21 or as specified	As specified	40,000	Dependent on size of press	
Goss Deck Type Multi-Color Press[17]	As specified	As specified	21½ or as specified	As specified	40,000	Dependent on size of press	
			Cylinder Diam. (Inches)				
Hoe Stream-Line Color-Convertible Press[20](*)	72½ or as specified	As specified	13.684, 14.5, 15, or as specified	21½, 22¾, 23 9/16	60,000	.....	.....
Hoe Super-Production Arch-Type Press[20](*)	72½ or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	60,000	.....	.....
Hoe Super-Production Vertical Type Press[20](*)	72½ or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	60,000	.....	.....
(*)All three Hoe presses listed above are arranged to accommodate extra color cylinders, reversible cylinder equipment, extra color couples, duo (2-color) ink rails and pumps portable color fountains portable color pumps, four compartment pumps, late news and red line attachments, etc. Equipped with paper roll brackets and floating roller tension devices or 3-arm Reels with Fully Automatic Electric Running Belt Tension Devices and Full Speed Web Splicing Mechanisms—Arranged for underneath or end roll feed.							
Hoe Super-Production Newspaper Multi-Color Press[20](*)	63 or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	40,000	.....	.....
Hoe Universal Unit Newspaper Multi-Color Press[20](*)	72 or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	30,000	.....	.....
Hoe Super-Production Single-Width Newspaper Multi-color Press[20](*)	36 or as specified	As specified	13.684, 14.5, 15	21½, 22¾, 23 9/16	40,000	.....	.....
(*)All three Hoe presses listed above are arranged to produce up to four printings on each side of each web or in wide variety of combinations. Equipped with paper roll brackets and Floating Roller Tension Devices or 3-arm Reels with Fully Automatic Electric Running Belt Tension Devices and Full Speed Web Splicing Mechanisms—Arranged for underneath or end roll feed.							
Hoe Printmaster Unit-type, Color-convertible, Single-Width Newspaper Press[20]	35	As specified	14½	22¾	40,000	.....	.....
Arranged to accommodate extra color cylinders, reversible cylinder equipment, duo pump ink rails, extra compensators, etc., for both spot-color and full-color (3 colors and black) printing. The press can be arranged for either end roll feed or underneath feed equipped with paper roll brackets and Floating Roller Tension Devices.							
				Cylinder Circum. (Inches)			
Scott Extra-High-Speed Press[13]	68 or as specified	As specified	13 11/16, 13¾, 14½, 15 or as specified	43, 43.2, 45.55, 47.12 or as specified	60,000	Depends on number of units and folders, also printing diam. of press.	
Scott High Speed Unit-type Color Press,[13] built on one level or superimposed	68 or as specified	As specified	13 11/16, 13¾, 14½, 15 or as specified	43, 43.2, 45.55, 47.12 or as specified	45,000	Depends on number of units and folders, also printing diam. of press.	
Scott High Speed Deck-type Color Press[13] Ink distribution in carriages.	68	As specified	13¼, 13 11/16, 13¾, 14½ or as specified	41.62, 43, 43.2, 45.55 or as specified	36,000	Depends on number of units and folders, also printing diam. of press.	
Scott High Speed Deck-type Color Press[13] Stationary ink distribution.	34 or as specified	As specified	13¾ or as specified	43.2 or as specified	40,000	Depends on number of decks and folders, also printing diam. of press.	

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NEWSPAPER PRESSES (High Speed Rotary)—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Sheet Cut Length (Inches)	Max. Sheet Cut Length (Inches)	Speed Copies per hr.	Weight Equipped	Floor Space
Wood Metropolitan Press[33]...	72 or as specified	As specified	21½	23 5/16	60,000	Dependent on size and arrangement of press.	
Underneath or end roll feed from reels or brackets. Color by Wood Four Color Unit, color couples, color cylinders, reversible unit cylinders with portable fountains.							
Wood Cosmopolitan Press[33]..	68	As specified	22¾	22¾	36,000	Dependent on size and arrangement of press.	
With Instrasertor-Underneath or end roll feed. Color by color couples, color cylinders, reversible unit cylinders with removable fountains.							

[18]Walter Scott & Co., Div. of Wood Newspaper Machinery Corp.
[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.
[20]R. Hoe & Co., Inc.
[33]Wood Newspaper Machinery Corp.
[53]R. W. Crabtree & Sons (Canada) Ltd.

NEWSPAPER FLATBED WEB PRESSES (Roll Feed)

MAKE AND MODEL	Sheet Size (Inches)	Max. Form In Chase (Inches)	Max. Form In Bed	Impressions Per Hour	Weight Equipped	Floor Space
Goss Cox-O-Type[17] ..... Single acting press, prints up to 8 full size newspaper pages, tabloids to 16 pages, magazines (on newsprint) to 32 pages, and single or double page handbills. Double unit press will produce 10, 12, 14 or 16 pages in one section. May be arranged to print four page paper in two colors.	22½ cutoff by 72 max. web	21½x17 5/16	21½"x71"	3,500	22,000 lbs.	12'5"x12'9"

[17]The Goss Company, Div. Miehle-Goss-Dexter, Inc.

FLEXOGRAPHIC (formerly Aniline) LETTERPRESS

MAKE AND MODEL	Max. Web Width (Inches)	Printing Width (Inches)	Printing Lengths (Inches)	Speed Ft. per min.	Weight Equipped	Height of Press	Floor Space
ATF-Flexo-Jobber, 4 colors, roll to sheet[6]	12	12	11-20 (17 Standard)	200	3,450 lbs.	6'	3'x8'9"
ATF-Pavema AV4D, to 6 colors, roll to sheet[6]	.....	25½	12-24 (18 Standard)	350	.....	.....	.....
ATF-Pavema, roll to roll[6]...							
3 colors	.....	12½	9-24½	Up to 500	3,800 lbs.	9'	3'x9'
6 colors	.....	12½	9-24½	Up to 500	8,800 "	7½'	3'x14'
3 colors	.....	17	9-24½	Up to 500	4,500 "	9'	3'x6'
6 colors	.....	17	9-24½	Up to 500	11,300 "	7½'	3'x14'
3 colors	.....	20½	9-24½	Up to 500	5,100 "	9'	3'x6'
6 colors	.....	20½	9-24½	Up to 500	12,800 "	7½'	3'x14'
ATF-Pavema, roll to roll/sheet[6]							
4 colors	.....	25½	12-40	Up to 1,000	13,500 "	10'	6'7"x21'
6 colors	.....	25½	12-40	Up to 1,000	15,000 "	10'	6'7"x21'
4 colors	.....	31½	12-40	Up to 1,000	15,500 "	10'	7'7"x21'
6 colors	.....	31½	12-40	Up to 1,000	17,000 "	10'	7'7"x21'
4 colors	.....	36	12-40	Up to 1,000	16,500 "	10'	8'2"x21'
6 colors	.....	36	12-40	Up to 1,000	18,000 "	10'	8'2"x21'
4 colors	.....	42	12-40	Up to 1,000	17,500 "	10'	8'10"x21'
6 colors	.....	42	12-40	Up to 1,000	20,000 "	10'	8'10"x21'
Chambon, Type OIC[14]	.....	6¾	9	.....	.....	.....	.....
Chambon, Type IC[14]	.....	14	16	.....	.....	.....	.....
Chambon, Type ICL[14]	.....	17	24	.....	.....	.....	.....
Chambon, Type IIC[14]	.....	21	22	.....	.....	.....	.....
Speed varies depending on final operation whether rewinding, sheet cutting or die-cutting.			Cylinder Range (Inches)				
Champlain Anilox[15]—14"...	15	14	10 to 20	750	.....	.....	.....
Champlain Anilox[15]—20"...	21	20	18 to 36	750	.....	.....	.....
Champlain Anilox[15]—26"...	28	27	18 to 36	750	.....	.....	.....
Champlain Anilox[15]—36"...	37	36	18 to 36	750	.....	.....	.....
Champlain Anilox[15]—44"...	45	44	18 to 36	750	.....	.....	.....
Champlain Anilox[15]—54"...	55	54	20 to 40	750	.....	.....	.....

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FLEXOGRAPHIC (formerly Aniline) LETTERPRESS—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Printing Width (Inches)	Cylinder Range (Inches)	Speed Ft. per min.	Weight Equipped	Height of Press	Floor Space
Dilts Model P-F[23] ..... For trade mark and single color work.	.....	24, 30, 36, 42, 48, 54, 60, 66	5 to 9	500	.....	22"	35" x width
			Plate Cylinder Repeat (Inches)				
Frostad Narrow Web Roll Printer—4½" 1 to 3 Colors[32]	.....	4½	9 to 15	250 plus	750 lbs.	48"	2'x4'
Frostad Narrow Web Roll Printer—6" 1 to 4 Colors[32]	.....	5½	9 to 24	250 plus	1,200 "	66"	3'x5'
Frostad Narrow Web Roll Printer—12" 1 to 4 Colors[32]	.....	11½	9 to 24	250 plus	1,500 to 3,000 lbs.	66"	3'x6' 3'x9'
Frostad Narrow Web Roll Printer—15"[32]	.....	14½	9 to 24	250 plus	1,500 to 3,000 lbs.	66"	3½'x6' 3½'x9'
Frostad Single Impression Cylinder Printer—1 to 5 Colors[32]	.....	24, 30, 36, 42 or as specified	Up to 31	150 to 600	10,000 "	9'6"	7'x20'
For printing package wraps, cellophane, foil and light papers, gum and stay tapes, pressure sensitive tapes, and narrow woven fabrics. Uses sticky-back rubber plates or metal backed rubber plates. Can be furnished with Letterpress Oil Ink Fountains or Flexographic (Liquid) Ink Fountains. All Flexographic (Liquid) Ink Fountains are equipped with syphon feed ink bottles. Free wheeling (electric motor driven) transfer and ink squeeze-off rollers; 360 deg. and ¼ in. lateral color register while running; tension controlled rewinds.							
			Printing Lengths (Inches)				
Haida Model CP 2-Color Web Press[36]	.....	30	13¼ to 30	.....	.....	.....	.....
			Plate Cylinder Repeat (Inches)				
Heinrich Multi-Color, Model HHH-Jet[35]	.....	25½ to 54	9 to 36	Up to 1,000	.....	10'	.....
All-purpose, high speed printer for printing up to six colors. Equipped with semi-automatic web splice, double unwinder (including mechanical roll lift), edge guide, web tension control, and surface and double friction rewinder.							
Heinrich Multi-Color, Model HHH-Jet-Jr.[35]		25½ to 42	9 to 31½	Up to 600	.....	10'	.....
High speed printer for printing up to six colors on cellophane, acetate, polyethylene and other films.							
Heinrich Multi-Color, Model HHH-Econo-Matic[35]		20 to 36	9 to 31½	Up to 500	.....	7'	.....
For printing paper up to four colors; equipped with overhead web guide and friction and surface rewinder.							
Heinrich Multi-Color, Model HHH-Flexo-Rex[35]		20 to 34	9 to 25½	Up to 150 shts. per min.	.....	6'	.....
Web-fed auxiliary printer for printing up to three colors. Equipped with sheeter, pile delivery, surface rewinder and folder.							
Heinrich Multi-Color Model HHH-Lilliput[35]	.....	16½	7⅛ to 20	Up to 300	.....	5'	.....
For printing up to three colors on narrow width material (paper, cellophane, polyethylene, etc.).							
			Cylinder Range (Inches)				
Kidder Standard Flexoprinter[22], 3, 4, 5 and 6 colors..	32, 44, 54	30, 42, 52	12 to 36	Up to 600	50,000 lbs.	14'	250 sq. ft.
Kidder Heavy Duty Flexoprinter[22], 4, 5 or 6 colors	44, 54, 67	42, 52, 65	12 to 36 inc.	Up to 800	65,000 "	14'	250 sq. ft.
Kidder Filmprinter[22], 3 & 4-5 & 6 colors	32, 35, 38	30, 33, 36	10 to 24 10-36 optional	535	25,000 "	11'6"	100 sq. ft.
Kidder Centraflex[22] (Central Impression)	38, 44	36, 42	10 to 36	750	50,000 "	14'	250 sq. ft.
			Printing Lengths (Inches)				
Levey Roll Feed Rubber Plate Press. Built to customer's specifications[56]	.....		.....	.....	.....	.....	.....
No. A-1 Stack Type[21]	.....	10 to 30	10 to 30	100 to 1000	.....	5'	.....
No. A-2 Stack Type[21]	.....	35 to 60	10 to 30	100 to 1000	.....	6'	.....
No. A-3 Stack Type[21]	.....	35 to 70	10 to 30	100 to 1000	.....	6'	.....
No. B-1 Stack Type Box Board[21]	.....	50 to 85	10 to 30	100 to 600	.....	5'	.....
No. A-4[21]	.....	20 to 40	12 to 36	100 to 1200	.....	10'	.....
No. A-6[21]	.....	20 to 50	12 to 36	100 to 1200	.....	13'	.....
No. A-7 Stack Type[21]	.....	20 to 50	12 to 36	100 to 700	.....	10'	.....
NOTE: Stack type indicates colors arranged in series. Arc type indicates colors arranged around one tympan roll. Speed limitations depend upon type of papers used and drying means used in installation.							
Paper Converting Machine Co.'s Central Impression Cylinder Presses[43], 3, 4, 5 and 6 Colors	10-72	8-70	10-36	300-800	.....	.....	.....
Paper Converting Machine Co.'s Stack Type Presses[43], 2, 3, 4, 5 and 6 Colors....	10-72	8-70	10-36	300-800	.....	.....	.....

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FLEXOGRAPHIC (formerly Aniline) LETTERPRESS—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Printing Width (Inches)	Printing Lengths (Inches)	Speed Ft. per min.	Weight Equipped	Height of Press	Floor Space
Potdevin 302[31]	.....	16	6.28-13.51	200 to 800 f.p.m.	Depends on No. colors	7'	4'10"x5'6"
Potdevin 303[31]	.....	20	6.28-28.58			7'	5'2"x5'6"
Potdevin 304[31]	.....	25	6.28-28.58			7'	5'6"x5'6"
Potdevin 306[31]	.....	31	6.28-28.58			7'	6'x5'6"
Potdevin 307[31]	.....	34	6.28-28.58			7'	6'5"x5'6"
Potdevin 308[31]	.....	37	6.28-28.58			7'	6'9"x5'6"
Potdevin 309[31]	.....	39	13.19-37.06			7'	7'x6'
*Potdevin 303US and DSR[31]	.....	20	6.28-28.58			7'	7'8"x13'
*Potdevin 304US and DSR[31]	.....	25	6.28-28.58			7'	8'x13'4"
*Potdevin cellophane flexographic press equipped with unwind, slitters and dual shaft rewind. All Potdevin flexographic presses built to accommodate up to 4-colors.							
			Printing Repeat Limits (Inches)				
Wolverine Hydro-Printer 2, 3, 4, 5, or 6 colors[37]	31 to 61	.....	10 to 40 10 to 60	.....	.....	.....	.....
Wolverine Hydro-Line 2, 3, or 4 colors[37]	24 to 41	.....	10 to 40 10 to 60	.....	.....	.....	.....
Wolverine Flexo-Printer 2, 3, or 4 colors[37]	31 to 36	.....	10 to 30	.....	.....	.....	.....
Wolverine Single Impression Cylinder Press 2, 3, or 4 colors[37]	31	.....	10 to 40	.....	.....	.....	.....
Wolverine Master-Printer 2, 3, or 4 colors[37]	61 to 91	.....	30 to 60	.....	.....	.....	.....
Wolverine Cub-Line 2, 3, or 4 colors[37]	21 to 31	.....	10 to 30	.....	.....	.....	.....
Wolverine Cub-Printer for 2 colors[37]	12 to 36	.....	10 to 30	.....	.....	.....	.....
Wolverine Master Printing Unit 1 or 2 colors[37]	61 to 91	.....	30 to 60	.....	.....	.....	.....
Wolverine Flexographic Printing Unit 1 or 2 colors[37]	31 to 61	.....	10 to 40 10 to 60	.....	.....	.....	.....
			Printing Lengths (Inches)				
Young Hypromatic 6-28[34]	.....	6-28	12 to 34	800	.....	8'	.....

[6]American Type Founders, Inc.
[14]Model Printing Equipment Corp.
[15]Champlain Co., Inc.
[21]Hudson Sharp Machine Co.
[*2]Kidder Press Co.
[23]Dilts Div., The Black-Clawson Co., Inc.
[31]Potdevin Machine Co.
[32]Frostad Engineering Co.
[34]Young Engineering Co.
[35]H. H. Heinrich, Inc.
[36]Haida Engineering Co.
[37]Wolverine Paper Converting Machinery Corp.
[43]Paper Converting Machine Co.
[56]Machinery Div., Fred'k H. Levey Co., Inc.

ROTOGRAVURE PRESSES (Roll Feed)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rated Speed Ft. Per Min.	Weight Equipped	Floor Space
ATF-Klingrose Presses[6]	Up to 43	42	17	34	Up to 750	....	.....
Built for printing 1 to 8 colors. Will print on paper, laminated foil, Cellophane, glassine, tissue and light-weight board. Will deliver in sheets or rewound rolls. Max. sheet delivery speed, 15,000 sheets per hr. Used for printing bread, soap, food, and package wraps, labels, catalogs, direct advertising, calendars and roto-gravure specialties.							
Babcock Rotary Web Multi-color[9]	84	.....	34	70	1,800	.....	.....
Built on order to customer's specifications. Multicolor with folder delivery or rewinder—speeds up to 1800 f.p.m.							
Chambon, Type OIC[14]	.....	6¾	.....	9	.....	.....	.....
Chambon, Type IC[14]	.....	14	.....	16	.....	.....	.....
Chambon, Type ICL[14]	.....	17	.....	24	.....	.....	.....
Chambon, Type IIC[14]	.....	21	.....	22	.....	.....	.....
Chambon, Type 3-ICAM[14]	.....	28	.....	25	.....	.....	.....
Speed varies depending on final operation whether rewinding, sheet-cutting or die-cutting.							

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ROTOGRAVURE PRESSES (Roll Feed)—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rated Speed Ft. Per Min.	Weight Equipped	Floor Space
Champlain Cavalier 14[15]	15	14	10	20	Up to 750	.....	.....
Champlain Cavalier 20[15]	21	20	10	20	Up to 750	.....	.....
Champlain Cavalier 26[15]	28	27	10	20	Up to 750	.....	.....
Champlain Standard 20[15]	21	20	18	36	Up to 850	.....	.....
Champlain Standard 26[15]	28	27	18	36	Up to 850	.....	.....
Champlain Standard 36[15]	37	36	18	36	Up to 850	.....	.....
Champlain Standard 44[15]	45	44	18	36	Up to 850	.....	.....
Champlain Converter 44[15]	45	44	20	40	Up to 1,000	.....	.....
Champlain Converter 54[15]	55	54	20	40	Up to 1,000	.....	.....
Champlain V-2[15]	2¼	2	5	9	Up to 1,000	.....	.....
Champlain V-3[15]	3¼	3	5	9	Up to 1,000	.....	.....
Champlain V-4[15]	4½	4	6½	11	Up to 1,000	.....	.....
Speed of above Champlain presses depends on size of press, material and drying requirements. Floor space varies with number of color units, type reel stand and delivery equipment. Delivery available with single and multiple rewinds, sheet cutter, and carton cutter-creaser. Weight depends on number of color units and type of roll handling and delivery equipment.							
Cottrell Goebel Regina 500[12]	19 11/16	18⅞	15¾	31½	600	.....	.....
Cottrell Goebel Regina 670[12]	26⅜	25⅝	23⅝	37 5/16	600	.....	.....
Cottrell Goebel Regina 700[12]	28 11/32	27 19/32	23⅝	37 5/16	600	.....	.....
Cottrell Goebel Regina 800[12]	31½	30¾	27 9/16	44⅛	600	.....	.....
Cottrell Goebel Regina 900[12]	35 7/16	34 11/16	27 9/16	44⅛	600	.....	.....
Floor space and weight varies with number of color units and delivery equipment. Delivery available with single and multiple rewinds, sheeter or cutter-creaser.							
Cottrell Monotone or Multi-color[12]	.....	.....	.....	.....	.....	.....	.....
For magazine printing, mail order, catalog work, etc., equipped with Speedry Fountains, also small width web presses for printing on cellophane, foil, etc. Presses are furnished with folder, or flat delivery, or with rewind.							
Crabtree High-Speed Rotogravure Press. Built to customer's specifications[53]	.....	.....	.....	.....	.....	.....	.....
Fitted with variable speed doctoring, automatically maintained impression, continually circulating ink, enclosed drying hoods, water cooled pressure roller, web conditioning steam drums, completely enclosed fountains.							
Goss-Speedry Gravure[17]	94½	Limited by web width	34½	56½	Up to 1500	.....	.....
Press may be equipped with newspaper or magazine folders, rewinders, imprinting devices, etc.							
					Rewind Ft.p.m.		
Hoe Super-Production Rotogravure Press[20]	.....	102, or as specified	As specified	35 to 70 or as specified	Up to 1500	Dependent on	size of press
Units equipped with automatic preset impression pressure control device, reciprocating doctor arrangement, covered fountains, circulating ink system and pushbutton operated side-lay and circumferential adjustments. Can be equipped with magazine folders, newspaper type rotogravure folders, high speed sheet deliveries or rewinders, or a combination of these. Folders may be equipped with rotary wire stitcher mechanisms or paster mechanisms. Equipped with 3-Arm reels with fully automatic electric running belt tension devices and automatic full speed web splicing mechanisms or paper roll brackets and floating roller tension devices. Full width letterpress imprinter units may be furnished to operate in conjunction with rotogravure units.							
Hudson-Sharp 5-Color No. 2-RA Rotogravure Press[21]	.....	50			600	.....	.....
Equipped with measured unwind and rewind; enclosed overhead driers; print repeats from 15" to 36".							
						Weight Equipped Six Colors	
Kidder Standard Rotogravure Unit Type Press[22]	22	20	17	34	Up to 700	75,000 lbs.	
	26	24	.....	.....	.....	.....	
	32	30	.....	.....	.....	.....	
	38	36	.....	.....	.....	.....	One unit with unwind and rewind 360 sq. ft. Single unit 72 sq. ft.
Kidder Heavy Duty Rotogravure Unit Type Press[22]	38, 46, 56	36, 44, 54	22	44	Up to 1,000	130,000 lbs.	
						Weight Equipped	
Hypromatic[34]	34	34	17	34	Up to 600	4,000 lbs. per unit	22' per unit
					Rated Speed Ft. p. m.		
Motter Rotogravure[44]	Up to 95	Up to 94	33	57	1,200	.....	.....
Press can be arranged for monotone or color for use with newspaper and magazine folders, rewinders, imprinting devices, etc.							
Precise Rotogravure Press[45]	27 to 86	26 to 84	17	35 to 70 or as specified	Up to 1600	.....	.....
For printing newspaper or magazine publications, catalogs, labels, wrapper and carton printing on paper, boxboard, glassine, foil or cellophane. Presses furnished with mechanical or electric eye circumferential register control, motorized or hydraulic impression pressure rolls, folder, sheet delivery, or rewind. With integrated plastic coating, sheeting, slitting, embossing, perforating, rewinding and die cutting equipment.							
Precise A[45]	24	22	10	24	600	.....	.....
Precise N[45]	44	42	20	44	1,000	.....	.....
Precise NH[45]	62	60	20	44	1,000	.....	.....
Precise B[45]	102	100	22	62	1,000	.....	.....

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ROTOGRAVURE PRESSES (Roll Feed)—(Continued from Preceding Page)

MAKE AND MODEL	Max. Web Width (Inches)	Max. Ptg. Width (Inches)	Min. Cyl. Circumference (Inches)	Max. Cyl. Circumference (Inches)	Rated Speed Ft. per min.	Weight Equipped	Floor Space
Roto Matic[34]	8-26	26	12	42	600-1200	.....	.....
Scott High Speed Gravure[13] Hydraulic pressure and ink cooling	78	Limited by web width	35 or as specified	70 or as specified	Up to 1,600	Dependent on No. units	
Standard Process 6030[49]	31	30	17	34	Up to 750	Dependent on No. units	
Standard Process 6060[49]	37	36	17	34	Up to 750	Dependent on No. units	
Standard Process 6040[49]	46	45	22	48	Up to 1,000	Dependent on No. units	
Standard Process 6070[49]	57	56	22	48	Up to 1,000	Dependent on No. units	
Units equipped with enclosed ink fountains, circulating ink systems, 360 deg. planetary gearing register control, eccentrically controlled impression rolls that can be raised or lowered collectively or individually from any press unit station, relative impression pressure gauges and Standard Process patented dryers. Presses can be supplied with photo-electric register control, reel stand and rewinder with constant tension.							
Staude "1000" Rotogravure Press[3]	28	27	18	36	1,000	.....	.....
Staude "1000" Rotogravure Press[3]	37	36	23	46	1,000	.....	.....
Staude "1000" Rotogravure Press[3]	45	44	23	46	1,000	.....	.....
Staude "1000" Rotogravure Press[3]	55	54	23	46	1,000	.....	.....
Multi-color for wrapper, label and carton printing. Fabricating and delivery equipment consists of rewinds, sheeters with continuous pile delivery and rotary blankers. Press prints to whatever margins may be deemed advisable. Units equipped with Staude roll-away fountain, controlled pressure ink distribution, push button or automatic running register, hydraulic impression pressure and a variety of precision Staude controls designed for specific applications. Staude Auto-Butt Splicers for carton production.							
Stoessel Single Color and Multi-color. All sizes[26]	.....	.....	.....	.....	.....	.....	.....

[3]E. G. Staude Mfg. Co., Inc.
[5]Miller Printing Machinery Co.
[6]American Type Founders, Inc.
[9]Babcock Printing Press Corp.
[12]The Cottrell Company, Sub. of Harris-Intertype Corp.
[13]Walter Scott & Co., Div. of Wood Newspaper Machinery Corp.
[14]Model Printing Equipment Corp.
[15]Champlain Co., Inc.
[17]The Goss Company, Div. of Miehle-Goss-Dexter, Inc.
[20]R. Hoe & Co., Inc.
[21]Hudson-Sharp Machine Co.
[22]Kidder Press Co.
[26]Stoessel Machine Mfg. Co.
[34]Young Engineering Co.
[44]George F. Motter's Sons
[45]Precise Engineering Co., The,
[49]Standard Process Corp.
[53]R. W. Crabtree & Sons (Canada) Ltd.

GRAVURE PRESSES (Sheet Feed)

MAKE AND MODEL	Maximum Sheet (Inches)	Minimum Sheet (Inches)	Maximum Printing Area (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
Miehle No. 44 Gravure Single Color[7]	29x43	16x19	28½x42	3,000-6,000	26,825 lbs.	22'9¼"x11'2¾"
Miehle No. 44 Gravure 2-C[7]	29x43	16x19	28½x42	3,000-6,000	43,650 "	26'5"x11'2¾"
Miehle No. 44 Gravure 3-C[7]	29x43	16x19	28½x42	3,000-6,000	64,500 "	30'¾"x11'2¾"
Miehle No. 44 Gravure 4-C[7]	29x43	16x19	28½x42	3,000-5,500	85,350 "	33'8½"x11'2¾"
Stoessel Single Color.[26] Hand and automatic Feed	12x18 Up to 32x44	.....	.....	5,000 Automatic	.....	.....
Waite Inverted 7x11[39]	.....	.....	7 x11	1700	9,150 "	77"x62"
Waite Inverted 8x12[39]	.....	.....	8 x12	1600	9,350 "	77"x62"
Waite Inverted 10x15[39]	.....	.....	10 x15	1500	11,350 "	80"x67"

[7]The Miehle Company, Div. Miehle-Goss-Dexter, Inc.
[26]Stoessel Machine Mfg. Co.
[39]Cronite Co., Inc.

DIE STAMPING (Steel Die Embossing) PRESSES

MAKE AND MODEL	Maximum Die Size (Inches)	Speed	Weight Equipped	Floor Space
Carver 2½x 4[39]	2½x 4	2,200	2,000 lbs.	66"x54"
Carver 3 x 8[39]	3 x 8	2,400	4,000 "	74"x64"
Carver 4½x 9[39]	4½x 9	1,800	6,500 "	69"x64"
Carver 7 x11[39]	7 x11	1,600	9,000 "	76"x80"
Carver 8 x12[39]	8 x12	1,500	12,500 "	84"x80"
Modern 2½x 4[39]	2½x 4	2,400	2,200 "	66"x53"
Modern 3 x 8[39]	3 x 8	3,600	3,750 "	72"x54"
Modern 5 x 9[39]	5 x 9	1,800	6,500 "	78"x50"
Modern 7 x 11[39]	7 x11	1,600	7,200 "	79"x57"
Modern 8 x12[39]	8 x12	1,500	10,500 "	90"x85"

[39]Cronite Co., Inc.

SCREEN PROCESS PRESSES

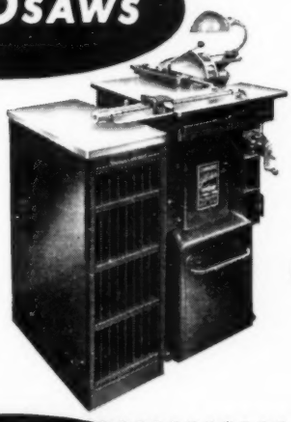
MAKE AND MODEL	Maximum Sheet (Inches)	Impressions Per Hour	Weight Equipped	Floor Space
General 18 Silk Screen Press[47]	13x20	800-3000	850 lbs.	3'x6'
General 24 Silk Screen Press[47]	19x25	800-2750	1,000 "	3'6"x7'
General 32 Silk Screen Press[47]	22x30	800-2000	3,200 "	6'x8'
General 38 Silk Screen Press[47]	25x38	800-2000	3,800 "	6'6"x8'6"
General 45 Silk Screen Press[47]	35x45	800-1750	5,000 "	7'4"x11'
General 52 Silk Screen Press[47]	38x52	800-1500	7,000 "	8'2"x11'
General 76 Silk Screen Press[47]	52x76	800-1200	15,000 "	12'x17'
General Model 24A Tandem Press[47]	17x25	800-2500	1,200 "	3'6"x7'6"
Will print on paper, cover stock, plastics, films, cardboard, etc., up to 80 pts. thickness. Also light gauge metals up to 28 ga. Mechanical feeding devices may be added. Screen stencils are inserted and released on machine frame. Designed to use inks, paints, lacquers, glues or adhesives, from thin liquids to heavy, stiff pastes.				
General Decorator A1824[47]	20x26	800-1800	2,500 "	4'x9'
General Decorator A1836[47]	20x38	800-1800	3,000 "	5'x9'
General Decorator A2842[47]	20x43	800-1500	4,200 "	6'x9'
Will print glass, masonite, rigid plastic, plywood, etc.				
General Decorator B1224[47]	13x25	Up to 1000	1,800 "	4'x5'
General Decorator B2430[47]	24x30	Up to 800	3,000 "	5'x7'
General Decorator B2436[47]	24x36	Up to 800	3,500 "	5'6"x7'
Will print electronic circuits and heavy catalog covers. Automatic or manually fed; either straight through continuous feeding or intermittent cycling with sheet returning to operator for inspection.				
Lawson Genie[51]	11x16 to 48x72	300 to 1,000	400 to 900 "	3'6"x7' to 6'6"x10'
Prints on paper, cardboard, wood, masonite, metal, plastics, vinyl and textiles of any thickness.				
Screen Printing Machine Model R. P. 3[48]	.....	1500 to 1800	Approx. 395 lbs.	2'x4'
For printing on cylindrical and sphere shaped objects of glass, metal, plastic, wood and rubber. Operates by means of compressed air. Will handle objects up to 4 in. diam. Carriage is adjustable to travel from ½ to 12 in. Other models are available for printing on cylindrical objects up to 55 gal. drums, as well as flat screen printing machines for printing on flat bottles, cans, circuits, etc.				

[47]General Research & Supply Co. [48]Dependable Compressor & Machine Co. [51]Lawson Printing Machine Co.

Hammond OF KALAMAZOO

TRIMOSAWS and STEREO EQUIPMENT

TRIMOSAWS

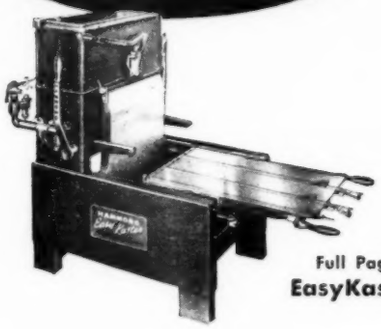


G-100 *Glider*
"The Saw with the Ball Bearing Table"

Bench Glider
Mounted on Floor Stand

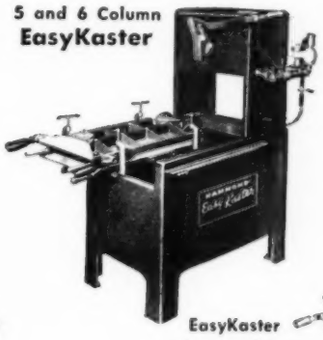
Ben Franklin
"Finest Saw in the Low Price Field"

EasyKasters



Full Page
EasyKaster

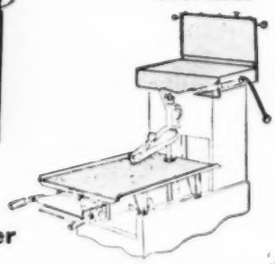
5 and 6 Column
EasyKaster



EasyKaster
Pig Molder

Scorchers

EasyKaster
Scorcher



Full-Page
Electric
Scorcher

Routers

Radial Router

Router Planer

PlateShaver

Full Page
PlateShaver

Hammond Machinery Builders INC.

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